

VENDOR DATA TRANSFERAL AND DISPOSITION

PAULSONS ENGINEERING SCIENCE, INC.

13411 State 145 3954

A1111 Document Control

200 S. VICTORIAN AVE. P.O. BOX 10751

Indian Falls, Idaho 83416-3954

(1) Subcontract No.

S-7304449.01-107

(2) Rev.

0

(3) Project TRA REHEADING ACTION 00-2-13

(4) No. 7304449.01

(5) Subcontractor PHENIX OF IDAHO, INC.

(6) Subcontractor Code 99-02-103

(7) Date of Submittal 06-14-99

ORIGINAL

1.1 Work may proceed subject to incorporation of any comments noted per Division and recording. Work may proceed subject to incorporation of comments noted.

1.2 If the site and recording. Work may not proceed.

1.3 If the site not required. Work may proceed.

(10) Use Item No.	(9) Spec. Ref.	(11) VDS Item No.	(12) Qty. Each	(13) Results	(14) Meas. Appl.	(15) On File Appl.	(16) Info	(17) Submittal Data Description	(18) Document No.	(19) Date
A	0	02200 (1.3.4)	4		X			FIELD NOTES ROUGH GRADE 1952 - 1957 CELLS		

9) Remarks:

(20) Subcontractor Signature

Date 06-14-99

(21) Date Received	(22) Date Forwarded	(23) Qty. Each	(24) Signature	(25) CVR	(26) Date
6-17-99	6-21-99	4	AR		
(27) Distribution	(28) Sale	(29) Distribution	(30) Sale	(31) CVR	(32) Date
ESR11		CAM Orig			
DC 200		PRO			
DC		SUN			
CE. Copy		Bill O			

(23) 1 Additional Comments Attached

(24) Signature

Date

(26) Acknowledgment receipt of the data indicated and agree to incorporate any comments

agree disagree

Subcontractor Signature

Date

5220

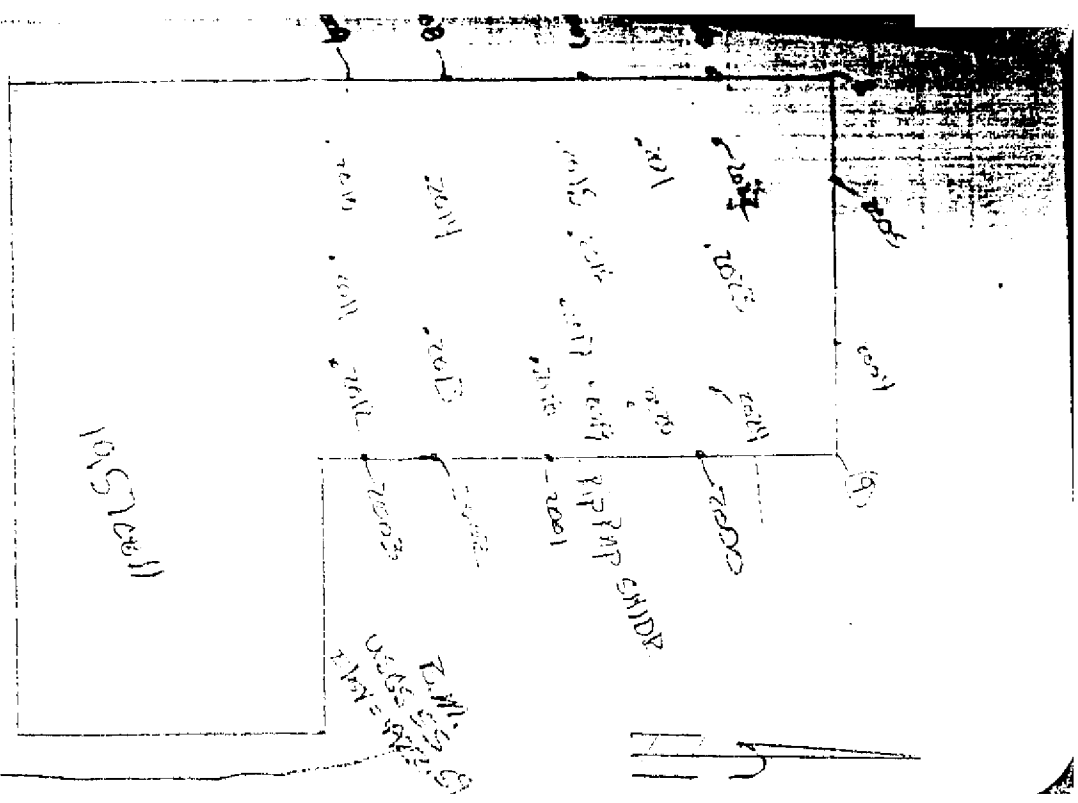
T.R.A. Phoenix
STAKE TOP 1st LIST OF STAND
Rough GRAINS + 4"
1952 Cell

4-28-99
Rainy 45°

M. Hudson
A. DelaGarcia

DIST
E/2V

100.00.00	349.16	25.22
70.24.49	291.80	26.96
72.37.01	234.16	28.12
78.25.49	174.55	25.22
104.27.49	125.60	24.22
118.16.58	83.35	23.22
125.16.28	246.55	22.22
129.22.37	311.95	21.22
117.47.47	336.88	20.22
106.55.27	379.44	24.22
101.54.10	408.35	23.22
96.16.05	451.01	22.22
88.08.32	409.09	21.22
85.42.52	386.81	20.22
75.17.21	362.09	19.22
95.15.04	336.57	18.22
102.28.03	370.42	17.22
111.11.18	346.40	16.22
95.16.36	314.42	15.22
86.09.41	292.07	14.22
85.01.49	279.47	13.22



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-	57,02.55	219.17	26.33 2020
-	111.42.66	285.81	26.33 2021
-	121.47.34	303.11	25.33 2022
-	114.15.42	265.25	25.33 2023
-	102.18.29	193.74	25 33 2024

5220

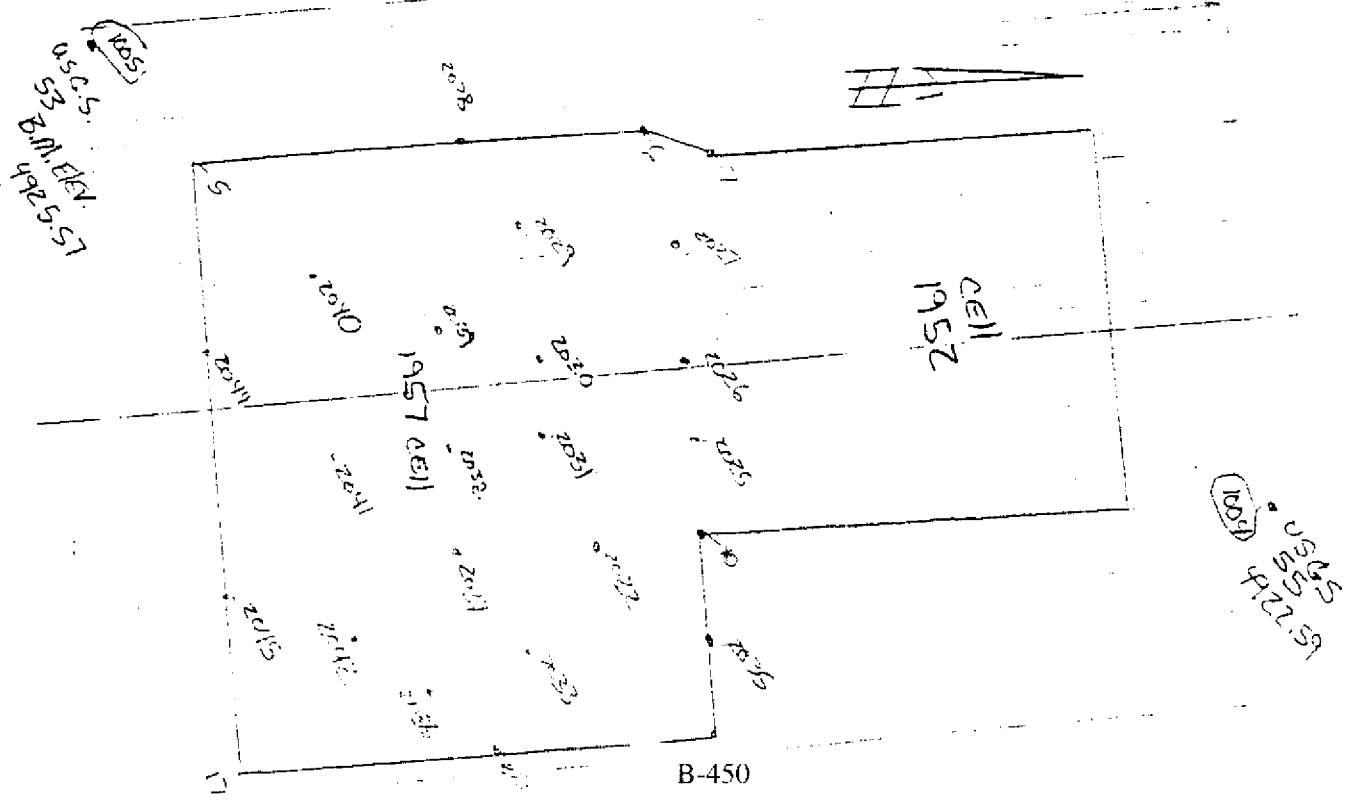
PHENIX - T.P.A.

SLATE TOP 300g 1671DE
CELL 1957

6.99.99
SUNNY 50°

M. HUDSON
A. DELACROIX

7	53	X	1005	80.00-00	344.40.35	285.20	1924.00	6
4.5.6.5.					346.37.30	762.73	4925.59	1004
					358.19.35	304.40	24.00	7
					452.22	325.20	25.5	2027
					11.15.05	351.0	24.5	2026
					15.23.44	381.80	26.5	2025
					20.12.01	410.40	26.0	10
					24.10.20	451.90	25.5	2035
					27.06.56	476.0	25.0	11
					29.24.25	431.90	25.5	2033
					18.53.22	372.4	26.0	2032
					14.41.07	301.60	26.5	2031
					3.11.01	286.10	26.5	2030
					352.24.00	234.00	25.0	2029
					17.16.39	194.90	24.0	2028
					26.38.27	241.90	26.0	2039
					32.11.42	300.90	26.0	2038
					31.36.11	356.40	26.0	2037
					56.51.22	416.70	26.5	2034
					40.33.52	1127.90	25.5	2036
					33.36.21	379.70	25.5	2042
					15.13.52	286.40	25.5	2041
						183.90	25.5	2040



✓ 12.12.17
 ✓ 35.10.30
 ✓ 13.24.21
 ✓ 47.27.09

Dist	Elev.	BS.
113.30	24.0	5
205.10	25.0	2044
329.00	24.0	2045
416.00	25.0	17



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

June 22, 1999

SUBMITTAL NO.: S-7304449.01-108
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST REPORTS TYPE A SOIL 1957 CELL 6/14/99
"B" TEST REPORTS TYPE A SOIL 1957 CELL 6/15/99
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input type="checkbox"/> A - LEO HERBERT	<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
	<input type="checkbox"/> OTHER - BILL OVERHOLT	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT: MS/3954 TSB

BY: JUNE 29, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	B		

REVIEWER: *William J. Overholt* DATE: 6/29/99

APPROVAL AUTHORITY DISPOSITION

ALL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐
RESPONSIBLE ENGINEER: DATE:

PARSONS ENGINEERING SCIENCE, INC.

Last Stop: MS 3954

Attn: Document Control

2000 N. WOODHURST AVE. P.O. BOX 10251

Mobile Falls, Idaho 83410-3954

VEHICLE DATA TRANSMITTAL AND DISPOSITION

(1) Submitted On: 5-13-94 (2) Rev: 0
 (3) Project No. RESEARCH ACTION 00-2-13 (4) 730449.01
 (5) Subcontractor: PHENIX OF IDAHO, INC.
 (6) Subcontractor Code: 99-02-104
 (7) Date of Submission: 06-16-99

1.1 This work is subject to incorporation of any comments noted
 for Review and Approval. Work may proceed subject to incorporation of comments noted.
 1.2 Review and Approval. Work may not proceed.
 1.3 Review and Approval. Work may proceed.

ORIGINAL

(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
File Name	Spec. Ref.	VDS Item No.	Qty. Encl.	Rev.	Mod. Appl.	Q. Encl. Appl.	Info	Document No.
A	02200 (1.3.1)	3-04	4		X		TEST REPORTS TYPE A SOIL 1957 CELL 06-14-99 TEST REPORTS TYPE A SOIL 1957 CELL 06-15-99	
B	02200 (1.3.1)	3-04	4		X			

(19) Remarks:

(20) Subcontractor Signature

Date: 06-16-99

(21) Comments:

(22) Date Received: 6-17-99
 (23) Date Forwarded: 6-21-99
 (24) Qty Encl: 4
 (25) Signature: AP

(26) I have Additional Comments Attached

(27) Signature

(28) I acknowledge receipt of the data submitted and agree to incorporate any comments

(29) Distribution

ES&H

OC Joe

INC

C/E John

CAM Craig

JHO

SUN

Bill O

Subcontractor Signature

Date



**MATERIALS
TESTING &
INSPECTION, INC.**

**IN-PLACE
NUCLEAR DENSITY
TEST REPORT**

708

FILE#: 990092
DATE: 6/14/99
CLIENT: INEEL
PERMIT: _____

PROJECT: INEEL VTRA
INSPECTOR: D. BIRD
CONTRACTOR: PHI ALEX
WEATHER: HT 80° CLEAR

% Compaction Required: 99% C Soils: 57.2 Asphalt: - Nuke Gauge: RAI 101

Test Number	Wet Density	Pounds Moisture	Percent Moisture	Dry Density	Maximum Density	Optimum Moisture	Percent Compaction
1.1	1131.2	9.91	7.5	121.3	123.6	9.42	98.7
Location:	34' S OF N END 60' W OF E SIDE AT 2' LEVEL - CELL 57 - 4" DEPTH						
2.2	128.9	11.6	5.8	121.3	123.6	9.42	98.8
Location:	40' S OF N END 65' W OF E SIDE AT 2' LEVEL - 4" DEPTH - CELL 57						
3.	129.9	8.2	6.3	121.7	123.6	9.4	98
Location:	35' S OF N END 70' W OF E SIDE - 8" LEVEL - 4" DEPTH - CELL 57						
4.	128.3	8.5	6.6	119.8	123.6	9.4	97.7
Location:	35' S OF N END 80' W OF E SIDE - 8" LEVEL - 4" DEPTH - CELL 57						
5.	129.6	10.3	7.9	119.3	123.6	9.4	98.3
Location:	50' N OF N END 60' W OF E SIDE AT 8' WIT ON EXISTING BACKFILL 4" DEPTH						
6.	129.1	11.1	8.5	118.1	123.6	9.4	96.3
Location:	40' S OF N END 75' W OF E SIDE AT GRADE - 2" DEPTH - CELL 57						
7.	127.9	10.0	7.8	117.9	123.6	9.4	95
Location:	50' S OF N END 50' W OF E SIDE AT GRADE AT 4" DEPTH - CELL 57						
8.	130.3	11.1	8.1	118.1	123.6	9.4	96
Location:	50' S OF N END 50' W OF E SIDE AT GRADE - 4" DEPTH - CELL 57						
9.	125.0	8.0	6.4	117	123.6	9.4	95
Location:	40' S OF N END 50' W OF E SIDE - 12" SAND/CONE LEVEL - 4" DEPTH - CELL 57						



**MATERIALS
TESTING &
INSPECTION, INC.**

**IN-PLACE
NUCLEAR DENSITY
TEST REPORT**

FILE#: E990050
DATE: 4-14-99
CLIENT: INTEL / TRA
PERMIT: _____

PROJECT: INTEL / TRA
INSPECTOR: D. BIRD
CONTRACTOR: PHENIX
WEATHER: HOT 80°

% Compaction Required: 95 Soils: 5362 Asphalt: — Nuke Gauge: 417

Test Number	Wet Density	Pounds Moisture	Percent Moisture	Dry Density	Maximum Density	Optimum Moisture	Percent Compaction
10	127.3	10.0	7.8	117.3	123.6	9.4	95
Location:	10' E OF W. SIDE 40' S. OF N. END AT GRADE 4" DEPTH CELL-57						
11	128.2	9.3	7.2	119.2	123.6	9.4	96
Location:	10' E. OF W. SIDE 50' S. OF N. END AT GRADE 4" DEPTH CELL-57						
12	120.1	10.2	7.8	119.9	123.6	9.4	97
Location:	35' N. OF S. END 50' W. OF E. SIDE AT -6" LEVEL AT 4" DEPTH CELL-57						
13	120.2	8.0	6.2	120.2	123.6	9.4	97
Location:	35' N. OF S. END 65' W. OF E. SIDE AT -6" LEVEL AT 4" DEPTH CELL-57						
14	123.9	9.6	7.4	119.3	123.6	9.4	97
Location:	45' N. OF S. END 50' W. OF E. SIDE AT -6" LEVEL AT 4" DEPTH CELL-57						
15	132.2	11.3	8.5	120.9	123.6	9.4	98
Location:	25' N. OF S. END 30' W. OF E. SIDE AT -6" LEVEL AT 4" DEPTH CELL-57						
16	129.8	10.1	7.7	119.7	123.6	9.4	97
Location:	45' N. OF S. END 20' W. OF E. SIDE AT GRADE LEVEL AT 4" DEPTH CELL-57						
17	130.6	11.0	8.4	119.6	123.6	9.4	97
Location:	50' N. OF S. END 100' W. OF E. SIDE AT GRADE LEVEL AT 4" DEPTH CELL-57						
18	133.0	9.23	6.9	123.7	123.6	9.4	100
Location:	75' N. OF S. END 125' W. OF E. SIDE AT GRADE AT 2" DEPTH CELL-57						



IN-PLACE NUCLEAR DENSITY TEST REPORT

PROJECT: INVEST / TPA
INSPECTOR: D. BIRD
CONTRACTOR: PHINLEY
WEATHER: HOT 80° CLEAR

[illegible]



**MATERIALS
TESTING &
INSPECTION, INC.**

**IN-PLACE
NUCLEAR DENSITY
TEST REPORT**

FILE#: E99005 C
DATE: 6-15-99
CLIENT: INEEL
PERMIT: _____

PROJECT: INTEL / TRA
INSPECTOR: D. BIRD
CONTRACTOR: PHENIX
WEATHER: CLEAR WARM 50°

% Compaction Required: 95 Soils: 5362 Asphalt: Nuke Gauge: 417

Test Number	Wet Density	Pounds Moisture	Percent Moisture	Dry Density	Maximum Density	Optimum Moisture	Percent Compaction
1	128.3	7.6	5.8	120.7	123.6	9.4	97.6
Location:	35' S. OF N. END 35' W. OF E. SIDE 4" DEPTH AT GRADE CELL-57						
2	129.9	10.1	7.7	119.8	123.6	9.4	96.9
Location:	65' S. OF N. END 35' W. OF E. SIDE 4" DEPTH AT GRADE CELL-57						
3	127.9	8.7	6.9	119.0	123.6	9.4	96.2
Location:	35' W. OF S. END 35' W. OF E. SIDE 4" DEPTH AT GRADE CELL-57						
4	130.3	11.3	8.6	119.0	123.6	9.4	96.2
Location:	90' W. OF E. SIDE 35' S. OF N. END 4" DEPTH AT GRADE CELL-57						
5	131.4	11.4	8.6	120.0	123.6	9.4	97
Location:	80' W. OF E. SIDE 70' S. OF N. END 4" DEPTH AT GRADE CELL-57						
6	126.2	4.3	3.4	118.9	123.6	9.4	94.1
Location:	100' W. OF E. SIDE 100' S. OF N. END 4" DEPTH AT GRADE CELL-57						
7	127.6	7.2	5.6	120.4	123.6	9.4	97.4
Location:	35' E. OF W. SIDE 10' S. OF N. END 4" DEPTH AT GRADE CELL-57						
8	129.2	10.3	7.9	116.9	123.6	9.4	94.1
Location:	35' E. OF W. SIDE 10' S. OF N. END 4" DEPTH AT GRADE CELL-57						
9	127.2	9.1	7.1	118.1	123.6	9.4	96.0
Location:	35' E. OF W. SIDE 90' S. OF N. END 4" DEPTH SANDPONE AT GRADE CELL-57						



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

June 23, 1999

SUBMITTAL NO.: S-7304449.01-110
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION TYPE A SOIL

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

☒ ES&H -

☐ OTHER -

☒ CAM - CRAIG REESE

☒ CE - JODY LANDIS

☐ OTHER -

☒ QA - LEO HERBERT

☐ OTHER - BILL OVERHOLT

☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT:
MS/3954 TSB

BY: JUNE 30, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER:

William F. Overholt

DATE: 6/29/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

SITUATION: ☐ A ☐ B ☐ C ☐ D

COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:



DOCUMENT REVIEW RECORD

- ☐ Project Document
- ☐ Design document
- ☒ Vendor Data

Project:

Document Number/Title:

Submittal No:

Reviewer:

Review Date:

Page: 1 of 1

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Comment Resolutions Accepted By Reviewer:

Date:

Codes: M - Significant comment requires resolution acceptance from Reviewer. S - A suggestion to improve the document: resolution response required. E - Editorial comment if incorporated, would improve the document.

SEE INSTRUCTIONS ON REVERSE SIDE

VENDOR DATA TRAN

PARSONS ENGINEERING SCIENCE, INC.

13411 Document Control

2000 G. VICTOR AVENUE, P.O. BOX 10251

Indian Falls, Idaho 83415-3954

(1) Subcontract No. S-7304449-01-110

(3) Project TRA REPERIAL ACTION ON 2-13

(5) Subcontractor PHENIX OF IDAHO, INC.

(9) Subcontractor Code 99-02-110

(7) Date of Submittal 06-22-99

(2) Rev. 0

(4) No. 7304449-01

ORIGINAL

(1) Review and resubmit. Work may proceed subject to incorporation of comments noted.

(2) Review and resubmit. Work may not proceed.

(3) Review not required. Work may proceed.

(4) Review not required. Work may proceed.

Rev	Case No.	Spec Ref.	VHS Item No.	Qty. Ford	Results	(13) Mod Appl	(14) Dr. Fu Appl	(15) Test	(16) Submittal Data Description	(17) Decrement No.	Rev
A	0	02200 (3.5.1)	4-02	4		X			TEST RESULTS GRADATION TYPE A SOIL		

(18) Remarks:

(20) Subcontractor Signature

Date 06-22-99

(22) Comments:

(23) Additional Comments Attached

(24) Signature

Date

(25) Acknowledges receipt of the data indicated and agrees to incorporate any comments

Subcontractor Signature

Date



Environmental Services

☐ Geotechnical Engineering

☐ Construction Materials Testing

☐ Special Inspection

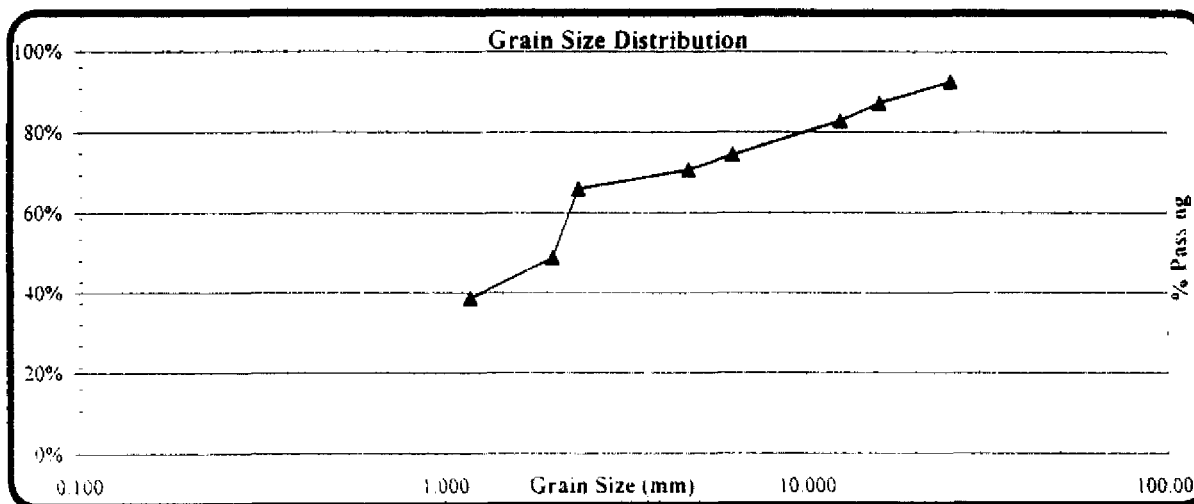
Sieve Analysis & Grain Size Distribution

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A
Sample ID: 5525
Date Received: June 2, 1999

Percent Moisture: 7.1%
Liquid Limit: N/A
Plastic Limit: NP
Plasticity Index: NP

Sieve Size mm	Sieve Size Inches	Percent Passing	Specifications
75	3"	100%	
50	2"	98%	
37.5	1 1/2"	98%	
25	1"	95%	
19	3/4"	93%	
12.5	1/2"	87%	
9.5	3/8"	83%	
4.75	#4	74%	
2.36	#8	71%	
2.00	#10	70%	
1.180	#16	68%	
0.600	#30	66%	
0.425	#40	64%	
0.300	#50	60%	
0.150	#100	49%	
0.075	#200	38.6%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: **Lowell Trujillo**
Western Idaho Regional Manager
Jlp



Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

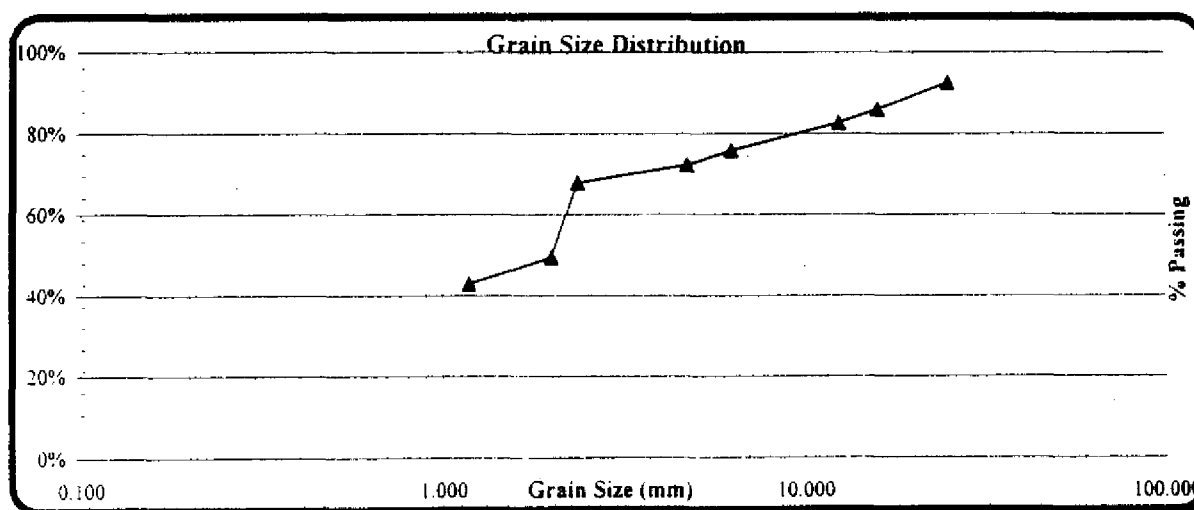
Sieve Analysis & Grain Size Distribution

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A
Sample ID: 5612
Date Received: June 11, 1999

Percent Moisture: 5.5%
Liquid Limit: N/A
Plastic Limit: NP
Plasticity Index: NP

Sieve Size	Sieve Size	Percent Passing	Specifications
mm	Inches		
75	3"	100%	
50	2"	100%	
37.5	1 1/2"	99%	
25	1"	97%	
19	3/4"	93%	
12.5	1/2"	86%	
9.5	3/8"	83%	
4.75	#4	76%	
2.36	#8	72%	
2.00	#10	72%	
1.180	#16	70%	
0.600	#30	68%	
0.425	#40	66%	
0.300	#50	61.2%	
0.150	#100	50%	
0.075	#200	42.9%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: Lowell Trujillo
Idaho Regional Manager

klp



☒ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspection

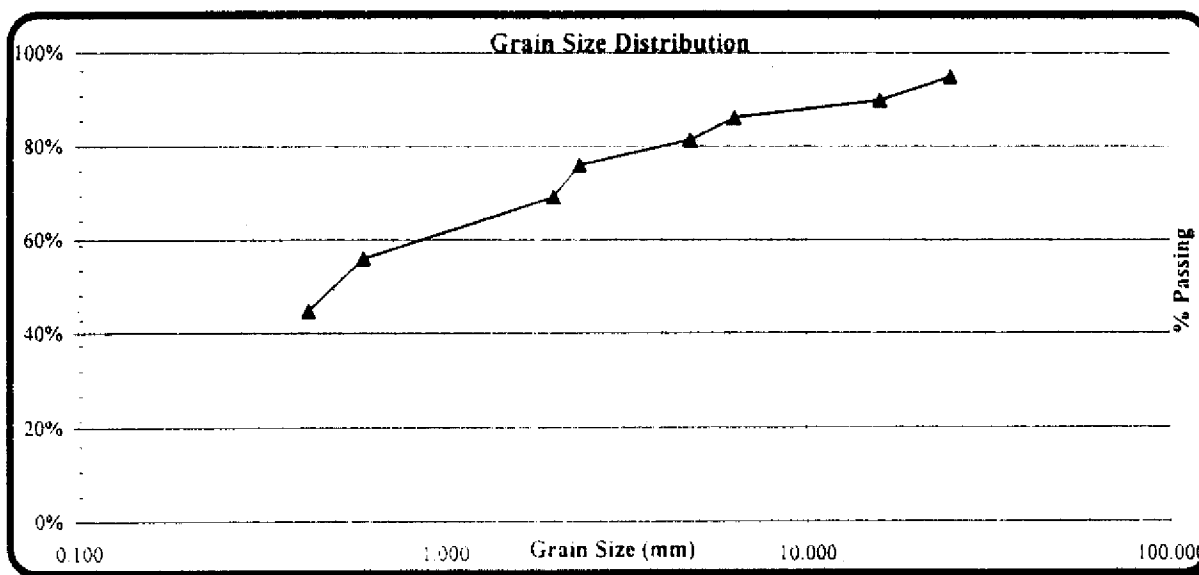
Sieve Analysis & Grain Size Distribution

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A
Sample ID: 5448
Date Received: May 26, 1999

Percent Moisture: 4.9%
Liquid Limit: 21
Plastic Limit: 17
Plasticity Index: 5

Sieve Size mm	Sieve Size Inches	Percent Passing	Specifications
37.5	1 1/2"	100%	
25	1"	99%	
19	3/4"	95%	
12.5	1/2"	90%	
4.75	#4	86%	
2.36	#8	81%	
2.00	#10	81%	
1.180	#16	79%	
0.600	#30	76%	
0.425	#40	74%	
0.300	#50	69%	
0.150	#100	56%	
0.075	#200	44.7%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo
Reviewed by: Lowell Trujillo
Idaho Regional Manager
lp



Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

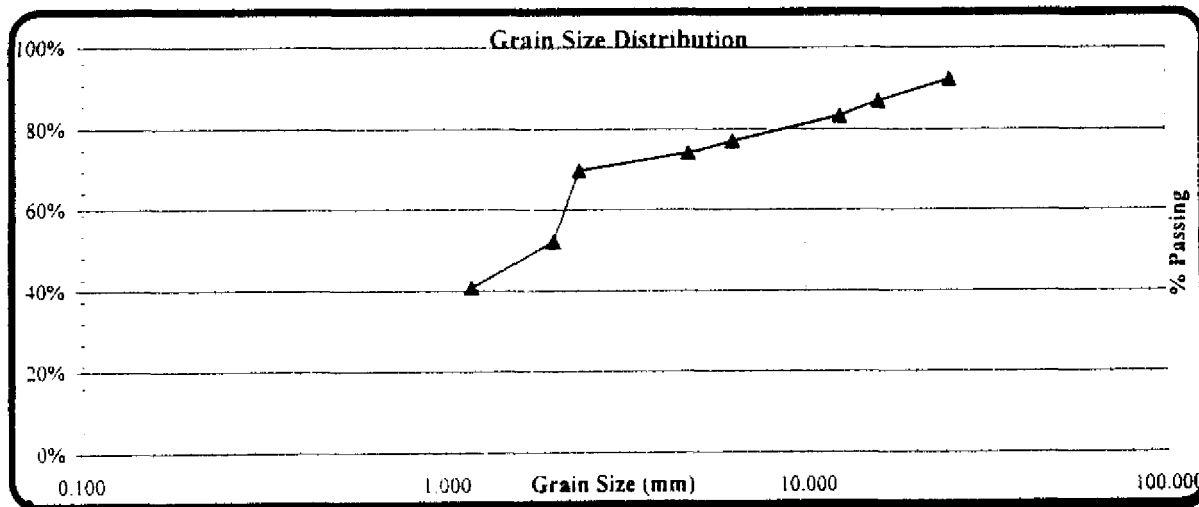
Sieve Analysis & Grain Size Distribution

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A
Sample ID: 5448
Date Received: May 26, 1999

Percent Moisture: 3.8%
Liquid Limit: N/A
Plastic Limit: NP
Plasticity Index: NP

Sieve Size	Sieve Size	Percent Passing	Specifications
mm	Inches		
75	3"	100%	
50	2"	98%	
37.5	1 1/2"	97%	
25	1"	95%	
19	3/4"	92%	
12.5	1/2"	87%	
9.5	3/8"	83%	
4.75	#4	77%	
2.36	#8	74%	
2.00	#10	74%	
1.180	#16	72%	
0.600	#30	70%	
0.425	#40	68%	
0.300	#50	64%	
0.150	#100	52%	
0.075	#200	40.8%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: Lowell Trujillo
Idaho Regional Manager



Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspection

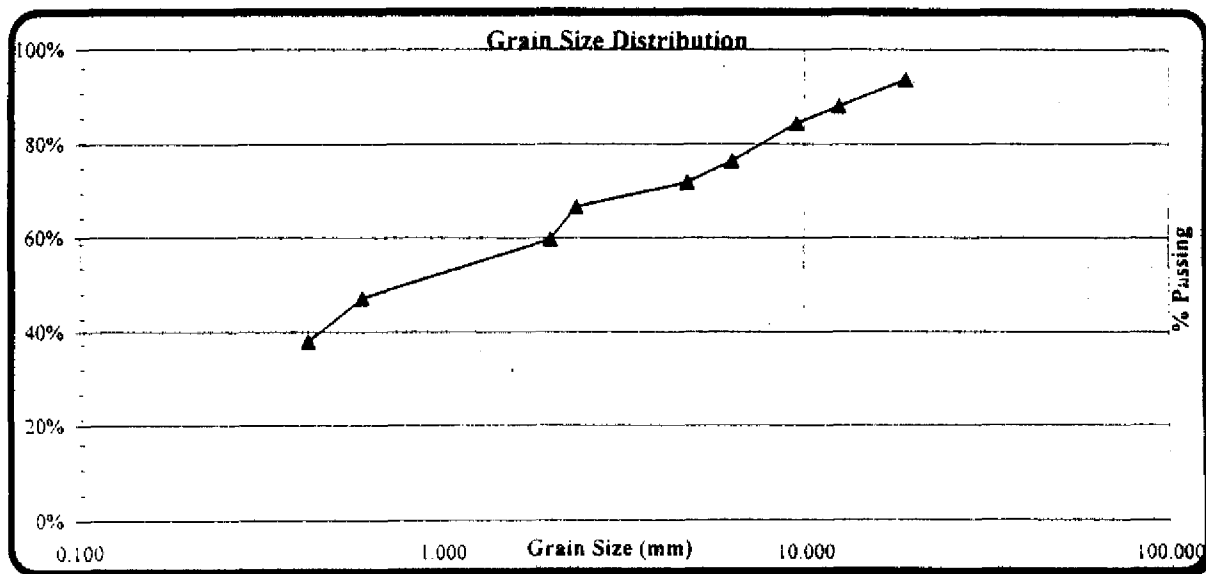
Sieve Analysis & Grain Size Distribution

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A
Sample ID: 5504
Date Received: June 1, 1999

Percent Moisture: 8.0%
Liquid Limit: 20
Plastic Limit: 17
Plasticity Index: 3

Sieve Size mm	Sieve Size Inches	Percent Passing	Specifications
37.5	1 1/2"	100%	
25	1"	97%	
19	3/4"	94%	
12.5	1/2"	88%	
9.50	3/8"	84%	
4.75	#4	76%	
2.36	#8	72%	
2.00	#10	71%	
1.180	#16	69%	
0.600	#30	67%	
0.300	#50	60%	
0.150	#100	47%	
0.075	#200	37.9%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: **Lowell Trujillo**
Western Idaho Regional Manager



MATERIALS TESTING & INSPECTION

PAGE # 1 OF 1

REVISION DATE JUNE 22, 1999

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☐ Environmental Services☐ Geotechnical Engineering☐ Construction Materials Testing☐ Special Inspections

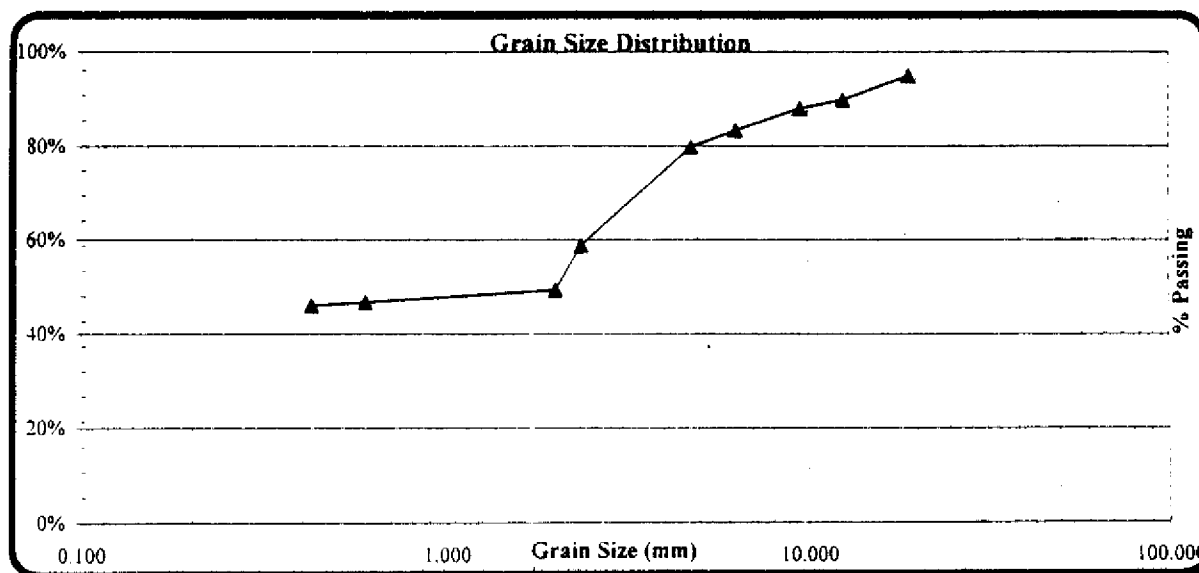
Sieve Analysis & Grain Size Distribution

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A
Sample ID: 5503
Date Received: June 1, 1999

Percent Moisture: 3.2%
Liquid Limit: 18
Plastic Limit: 18
Plasticity Index: 1

Sieve Size	Sieve Size	Percent Passing	Specifications
mm	Inches		
37.5	1 1/2"	100%	
25	1"	98%	
19	3/4"	95%	
12.5	1/2"	90%	
9.50	3/8"	88%	
4.75	#4	83%	
2.36	#8	80%	
2.00	#10	79%	
1.180	#16	77%	
0.600	#30	59%	
0.300	#50	49%	
0.150	#100	47%	
0.075	#200	46.0%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: Lowell Trujillo
Northern Idaho Regional Manager
LTP



Environmental Services

☐ Geotechnical Engineering

☐ Construction Materials Testing

☐ Special Inspection

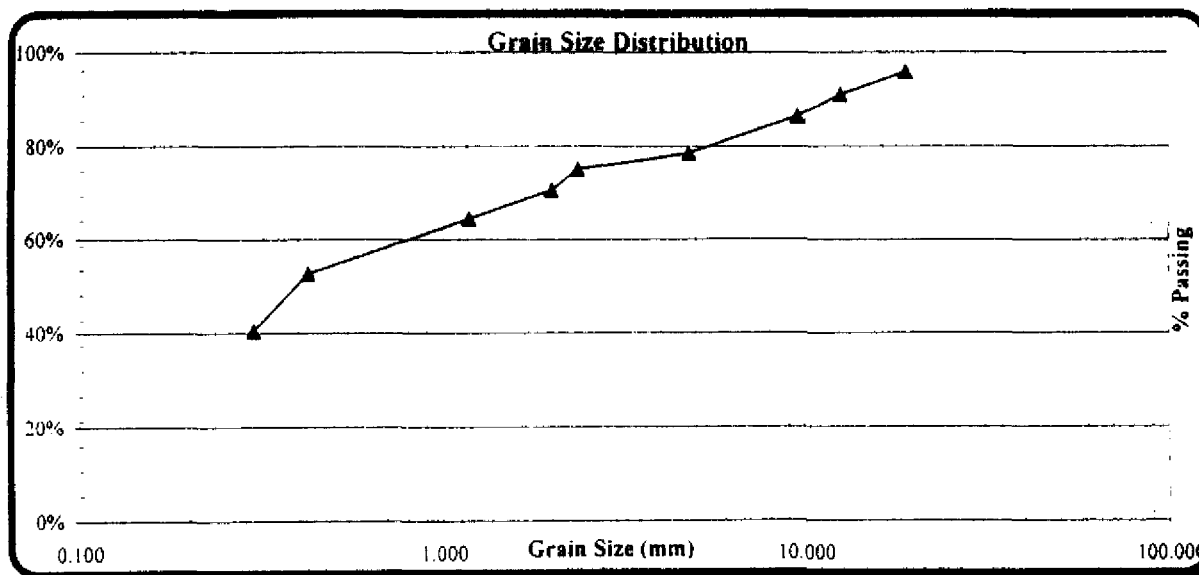
Sieve Analysis & Grain Size Distribution

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Source: Type A
Sample ID: 5444
Date Received: May 24, 1999

Percent Moisture: 7.5%
Liquid Limit: 16
Plastic Limit: 14
Plasticity Index: 2

Sieve Size	Sieve Size	Percent Passing	Specifications
mm	Inches		
37.5	1 1/2"	100%	
25	1"	99%	
19	3/4"	96%	
12.5	1/2"	91%	
9.5	3/8"	86%	
4.75	#4	79%	
2.36	#8	75%	
2.00	#10	75%	
1.180	#16	73%	
0.600	#30	71%	
0.425	#40	69%	
0.300	#50	65%	
0.150	#100	53%	
0.075	#200	40.4%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: Lowell Trujillo
Idaho Regional Manager

et/klp



☒ Environmental Services

☐ Geotechnical Engineering

☐ Construction Materials Testing

☐ Special Inspections

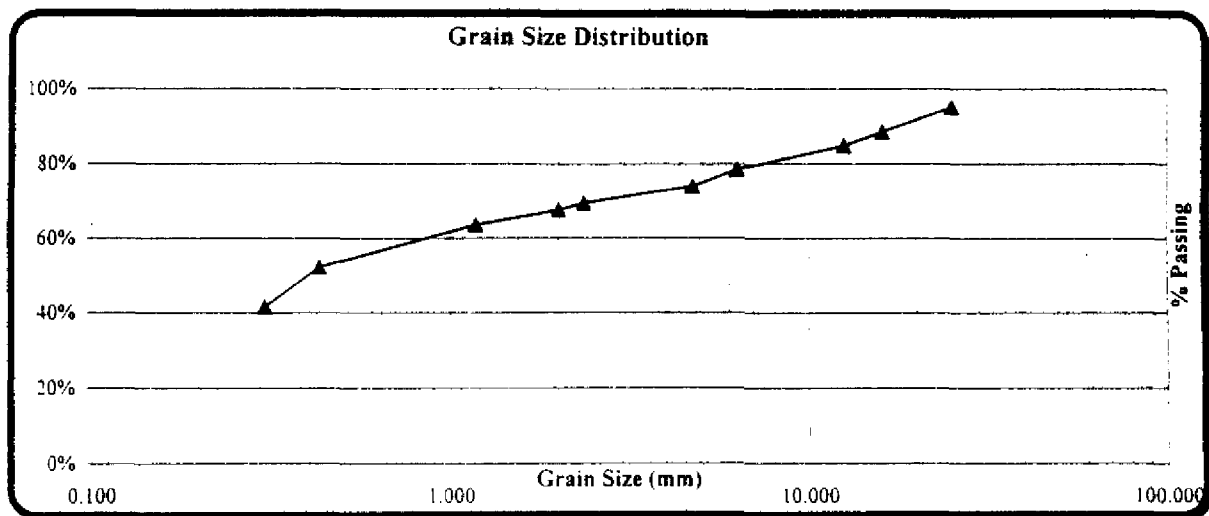
Sieve Analysis & Grain Size Distribution

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Date Received: May 24, 1999
Sample ID: 5443
Sample Location: Type A

Percent Moisture: 8.7%
Classification: ML-CL
Liquid Limit: 17
Plastic Limit: 15
Plasticity Index: 2

Sieve Size	Sieve Size	Percent Passing	Specifications
mm	Inches		
75	3"		
50	2"	100%	
37.5	1 1/2"	100%	
25	1"	98%	
19	3/4"	95%	
12.5	1/2"	89%	
9.5	3/8"	85%	
4.75	#4	79%	
2.36	#8	74%	
2.00	#10	73%	
1.180	#16	72%	
0.600	#30	70%	
0.425	#40	68%	
0.300	#50	64%	
0.150	#100	52%	
0.075	#200	41.5%	



Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: **Lowell Trujillo**
Eastern Idaho Regional Manager

lp

**PARSONS****VENDOR DATA REVIEW TRANSMITTAL SHEET**

June 23, 1999

SUBMITTAL NO.: S-7304449.01-111
Rev.0PROJECT NO.: OU 2-13
TRA Remedial ActionSUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FINAL TEST REPORT TYPE A SOIL 1957 CELL 6/7/99
"B" FINAL TEST REPORT TYPE A SOIL 1957 CELL 6/8/99
"C" FINAL TEST REPORT TYPE A SOIL 1957 CELL 6/9/99
"D" FINAL TEST REPORT TYPE A SOIL 1957 CELL 6/10/99
"E" FINAL TEST REPORT TYPE A SOIL 1957 CELL 6/14/99

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA - LEO HERBERT	<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
	<input type="checkbox"/> OTHER - BILL OVERHOLT	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig ReeseAT:
MS/3954 TSB

BY: JUNE 30, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	B		
B	A		
C	X B		
D	B		
E	X B		

REVIEWER:

William F. Overholt

DATE: 6/30/99

APPROVAL AUTHORITY DISPOSITION
SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.DISPOSITION: ☐ A ☐ B ☐ C ☐ DCOMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:



PARSONS

DOCUMENT REVIEW RECORD

☐ Project Document
☐ Design document
☒ Vendor Data

Project: TRA - RD/RA Document Number/Title: Submitted S-7304449.01 - 111
Submittal No: 111 Reviewer: W.J. Overholt Review Date: 6/30/99 Page: 1 of 1

ITEM NUMBER	SECTION NUMBER	PAGE NUMBER	CODE	COMMENT	COMMENT RESOLUTION
Line A			1.	Test #5 Values should read: Percent Moisture 6.7 Dry Density 118.4 Percent Compaction 96%	
Line C			1.	Note at top of p. 1 of 2 says all tests were taken at grade. Field report says that tests 15 & 16 were taken at 1' level.	
Line D			1.	Note at top of page #1 of 2 states that all tests were taken at -8" below grade. Field report indicates some of the tests were taken at -18" below grade; some were taken at -24" below grade.	
			2.	Test no. 5 - percent compaction should be 96%	
			3.	Test no. 7 - % comp. should be 96%	
Line E.			1.	Note says all tests at -12". Field report says Test 3 at -8" Test 5 at 8' level?	
				Test 4 & 1 Tests 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	

Comment Resolutions Accepted By Reviewer:

Date:

Codes: M - significant comment requires resolution acceptance from Reviewer. S - A suggestion to improve the document: resolution response required. E - Editorial comment
If incorporated, would improve the document.

SEE INSTRUCTIONS REVERSE SIDE

VENDOR DATA TRANSFER AND DISPOSITION

PAULSONS ENGINEERING SCIENCE, INC.

1424 1/2 Ave. 142 3054
ATLANTA, GEORGIA 30303
200 N. WASHINGTON AVE. P.O. BOX 10751
Atlanta, Ga. 30303

- (1) Subject File S-7304449.01-111 (2) New 7304449.01
(3) Project File RESEARCH ACTION 00 2-13 (4) New 7304449.01
(5) Subcontractor FIDELIX OF IDAHO, INC.
(6) Subcontractor Code 99-02-111
(7) Date of Rejected 06-22-99

ORIGINAL

1. This form is subject to incorporation of any comments noted
in the comments section. Work may proceed subject to incorporation of comments noted
in the comments section. Work may not proceed
if the object is not required. Work may proceed.

(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
File Name	Spec. Ref.	Spec. Ref.	Spec. Ref.	Spec. Ref.	Spec. Ref.	Spec. Ref.	Spec. Ref.	Spec. Ref.	Spec. Ref.	Spec. Ref.	Spec. Ref.	Spec. Ref.
A	02200 (1.3.1)	3-04	4	X								
B	02200 (1.3.1)	3-04	4	X								
C	02200 (1.3.1)	3-04	4	X								
B-475	02200 (1.3.1)	3-04	4	X								
	02200 (1.3.1)	3-04	4	X								

(23) Subcontractor Signature: *[Signature]* Date: 06-22-99

(22) Comments:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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MATERIALS TESTING & INSPECTION

PAGE # 1 OF 2
REV. DATE 6/22/99

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Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspection

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Inspector: Dean Bird
Inspection Date: June 7, 1999

Note: All tests were taken at Cell 57 at 4" depth, -2' below grade

MOISTURE DENSITY TEST REPORT

As requested MTI performed on-site density testing in accordance with current applicable standards. The results obtained were as follows:

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
1	50' South of north end, 25' East of west side	6.3	119.1	p5362	96%	Pass
2	50' South of north end, 35' East of west side	6.8	121.1	p5362	98%	Pass
3	50' South of north end, 45' East of west side	6.0	118.5	p5362	96%	Pass
4	60' South of north end, 45' East of west side	7.4	119.4	p5362	97%	Pass
5	60' North of south end, 35' East of west side	6.7	118.4	p5362	96%	Pass
6	50' South of north end, 65' East of west side	6.4	120.3	p5362	97%	Pass

Sandcone Test

Test Number	Location	Percent Moisture	Dry Density (pcf)	Correlation within 5%
Lab # 5674	Same as # 6	7.1	119.8	Yes

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
7	65' South of north end, 65' East of west side	6.2	120.0	p5362	97%	Pass
8	65' South of north end, 50' East of west side	5.7	119.3	p5362	97%	Pass



MATERIALS TESTING & INSPECTION

PAGE # 2 OF 2
REV. DATE 6/22/99

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☒ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
9	40' South of north end, 55' East of west side	7.8	119.7	p5362	97%	Pass

Required Compaction of densities: 95% Proctor # p5362: 123.6 pcf @ 9.4% moisture

If you have any questions concerning this report, please call us at (208) 529-8242.

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: Lowell Trujillo
Eastern Idaho Regional Manager
cc: Lance Peterson
LT/klp

SAND CONE DENSITY DETERMINATION

Lab Number: 5674

Project No: E99005c Project: INEEL/TRA

Date: June 7, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 50' south of north end, 65' east of west side

Hole Volume Calculation:

Sand Jar ID = A

Original Sand Weight = 11.61

Remaining Sand Weight = 4.11

Discharged Sand Weight = 7.50

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.70

Volume of Hole (ft³) = 0.059

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Jesse

Tare = 0.80

Pan + Wet Soil = 8.31

Pan + Dry Soil = 7.87

Mass of Moisture = 0.44

Percent Moisture = 6.2

Weight of Dry Soil = 7.07

Density of Removed Soil = 119.8

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 120.3

In Place Nuclear Moisture = 6.4

Sand Cone Density = 119.8

Sand Cone Moisture = 7.1

Remarks: Correlates with in place density test no. 6.



MATERIALS TESTING & INSPECTION

PAGE # 1 OF 2
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Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

nce Peterson
enix Construction
O. Box 1626
Idaho Falls, ID 83403

object: INEEL TRA
Inspector: Dean Bird
Inspection Date: June 8, 1999

Notes: All tests were taken at Cell 57 at 4" depth, -2' below grade

MOISTURE DENSITY TEST REPORT

Requested MTI performed on-site density testing in accordance with current applicable standards. The results obtained were as follows:

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
1	80' South of north end, 40' East of west side	8.5	119.1	p5362	96%	Pass
2	80' South of north end, 55' East of west side	7.2	119.0	p5362	96%	Pass
3	80' South of north end, 65' East of west side	7.6	119.1	p5362	96%	Pass
4	80' South of north end, 35' West of east side	6.7	122.7	p5362	99%	Pass
5	80' South of north end, 45' West of east side	8.9	121.1	p5362	98%	Pass
6	80' South of north end, 50' West of east side	6.5	119.3	p5362	97%	Pass
7	60' South of north end, 65' West of east side	7.4	119.4	p5362	97%	Pass
8	60' South of north end, 70' West of east side	7.8	120.5	p5362	97%	Pass
9	45' South of north end, 50' West of east side	7.1	120.5	p5362	97%	Pass

Sandcone Test

Test Number	Location	Percent Moisture	Dry Density (pcf)	Correlation within 5%
Lab # 5675	Same as # 9	7.4	120.5	Yes

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
10	40' North of south end, 40' West of east side	9.6	117.6	p5362	95%	Pass
11	40' North of south end, 40' West of east side	7.7	118.9	p5362	96%	Pass



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☒ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspection

12	40' North of south end, 50' West of east side	9.0	119.3	p5362	97%	Pass
13	40' North of south end, 60' West of east side	7.1	121.1	p5362	98%	Pass
14	50' North of south end, 50' East of west side	9.3	117.0	p5362	95%	Pass
15	50' North of south end, 45' East of west side	7.8	118.0	p5362	95%	Pass
16	35' North of south end, 35' East of west side	8.3	119.0	p5362	96%	Pass
17	35' North of south end, 45' East of west side	8.2	118.1	p5362	96%	Pass
18	35' North of south end, 50' East of west side	8.1	118.9	p5362	96%	Pass

Sandcone Test

Test Number	Location	Percent Moisture	Dry Density (pcf)	Correlation within 5%
Lab # 5676	Same as # 18	7.6	119.3	Yes

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
19	60' South of north end, 60' East of west side	8.6	117.0	p5362	95%	Pass
20	45' North of south end, 45' East of west side	8.4	118.4	p5362	96%	Pass

Required Compaction of densities: 95% Proctor # p5362: 123.6 pcf @ 9.4% moisture

If you have any questions concerning this report, please call us at (208) 529-8242.

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: Lowell Trujillo
Eastern Idaho Regional Manager
Lance Peterson

SAND CONE DENSITY DETERMINATION

Lab Number: 5676

Project No: E99005c Project: INEEL/TRA

Date: June 8, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 35' north of south end, 50' east of west side.

Hole Volume Calculation:

Sand Jar ID = B

Original Sand Weight = 11.77

Remaining Sand Weight = 4.61

Discharged Sand Weight = 7.16

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.36

Volume of Hole (ft³) = 0.054

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Bethany

Tare = 0.98

Pan + Wet Soil = 7.91

Pan + Dry Soil = 7.42

Mass of Moisture = 0.49

Percent Moisture = 7.6

Weight of Dry Soil = 6.44

Density of Removed Soil = 119.3

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 118.9

In Place Nuclear Moisture = 8.1

Sand Cone Density = 119.3

Sand Cone Moisture = 7.6

Remarks: Correlates with in place density test no. 18.

SAND CONE DENSITY DETERMINATION

Lab Number: 5675

Project No: E99005c Project: INEEL/TRA

Date: June 8, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 45' south of north end, 50' west of east side.

Hole Volume Calculation:

Sand Jar ID = A

Original Sand Weight = 11.22

Remaining Sand Weight = 3.76

Discharged Sand Weight = 7.46

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.66

Volume of Hole (ft³) = 0.058

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Brook

Tare = 0.80

Pan + Wet Soil = 8.31

Pan + Dry Soil = 7.79

Mass of Moisture = 0.52

Percent Moisture = 7.4

Weight of Dry Soil = 6.99

Density of Removed Soil = 120.5

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 120.5

In Place Nuclear Moisture = 7.1

Sand Cone Density = 120.5

Sand Cone Moisture = 7.4

Remarks: Correlates with in place density test no. 9.



Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Shirley Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Inspector: Dean Bird
Inspection Date: June 9, 1999

Note: All tests were taken at Cell 57 at 4" depth, at grade

MOISTURE DENSITY TEST REPORT

As requested MTI performed on-site density testing in accordance with current applicable standards. The results obtained were as follows:

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
1	10' North of south end, 20' East of west side	7.0	118.7	p5362	96%	Pass
2	10' North of south end, 30' East of west side	5.5	119.7	p5362	97%	Pass
3	10' North of south end, 40' East of west side	6.1	120.1	p5362	97%	Pass
4	10' North of south end, 50' East of west side	6.4	120.8	p5362	98%	Pass
5	10' North of south end, 60' East of west side	7.4	118.1	p5362	96%	Pass
6	10' North of south end, 10' West of east side	6.4	120.5	p5362	97%	Pass
7	10' North of south end, 20' West of east side	7.3	120.0	p5362	97%	Pass
8	10' North of south end, 30' East of west side	6.5	117.5	p5362	95%	Pass

Sandcone Test

Test Number	Location	Percent Moisture	Dry Density (pcf)	Correlation within 5%
Lab # 5677	Same as # 8	6.1	116.6	Yes

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
9	10' North of south, 30' West of east side	7.5	120.6	p5362	98%	Pass
10	100' South of north end, 30' East of west side	9.9	120.3	p5362	97%	Pass
11	75' South of north end, 45' East of west side	7.1	119.6	p5362	97%	Pass



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Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
12	90' South of north end, 40' East of west side	6.7	118.9	p5362	96%	Pass
13	90' South of north end, 50' East of west side	7.0	120.7	p5362	98%	Pass
14	90' South of north end, 60' East of west side	4.8	122.4	p5362	99%	Pass
15	85' South of north end, 60' East of west side	6.0	122.0	p5362	99%	Pass
16	85' South of north end, 55' East of west side	8.6	117.5	p5362	95%	Pass

Required Compaction of densities: 95%

Proctor # p5362: 123.6 pcf @ 9.4% moisture

If you have any questions concerning this report, please call us at (208) 529-8242.

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Reviewed by: Lowell Trujillo
Eastern Idaho Regional Manager
cc: Lance Peterson
LT/klp

SAND CONE DENSITY DETERMINATION

Lab Number: 5677

Project No: E99005c Project: INEEL/TRA

Date: June 9, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 10' north of south end, 30' east of west side.

Hole Volume Calculation:

Sand Jar ID = C

Original Sand Weight = 11.38

Remaining Sand Weight = 3.93

Discharged Sand Weight = 7.45

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.65

Volume of Hole (ft³) = 0.058

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Brook

Tare = 0.80

Pan + Wet Soil = 7.97

Pan + Dry Soil = 7.56

Mass of Moisture = 0.41

Percent Moisture = 6.1

Weight of Dry Soil = 6.76

Density of Removed Soil = 116.6

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 117.5

In Place Nuclear Moisture = 6.5

Sand Cone Density = 116.6

Sand Cone Moisture = 6.1

Remarks: Correlates with in place density test no. 8.

SAND CONE DENSITY DETERMINATION

Lab Number: 5678

Project No: E99005c Project: INEEL/TRA

Date: June 9, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 75' south of north end, 45' east of west side.

Hole Volume Calculation:

Sand Jar ID = 8

Original Sand Weight = 11.83

Remaining Sand Weight = 4.54

Discharged Sand Weight = 7.29

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.49

Volume of Hole (ft³) = 0.056

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Jesse

Tare = 0.80

Pan + Wet Soil = 7.80

Pan + Dry Soil = 7.40

Mass of Moisture = 0.40

Percent Moisture = 6.1

Weight of Dry Soil = 6.60

Density of Removed Soil = 117.9

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 119.6

In Place Nuclear Moisture = 7.1

Sand Cone Density = 117.9

Sand Cone Moisture = 6.1

Remarks: Correlates with in place density test no. 11.



☒ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Shirley Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Inspector: Dean Bird
Inspection Date: June 10, 1999

Note: All tests were taken at Cell 57 at 4" depth, -8" below grade

NO

MOISTURE DENSITY TEST REPORT

As requested MTI performed on-site density testing in accordance with current applicable standards. The results obtained were as follows:

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
1	120' South of north end, 35' East of west side	6.4	118.9	p5362	96%	Pass
2	120' South of north end, 45' East of west side	6.6	120.4	p5362	97%	Pass
3	120' South of north end, 50' East of west side	6.9	119.6	p5362	97%	Pass
4	100' South of north end, 60' East of west side	7.9	118.9	p5362	96%	Pass
5	100' South of north end, 70' East of west side	9.4	118.9	p5362	95% ⁹⁶	Pass
6	100' South of north end, 80' East of west side	6.5	119.3	p5362	97%	Pass
7	110' South of north end, 40' West of east side	6.3	118.2	p5362	97% ⁹⁶	Pass
8	90' North of south end, 50' West of east side	6.4	119.6	p5362	97%	Pass
9	100' North of south end, 100' West of east side	7.2	118.5	p5362	96%	Pass

Sandcone Test

Test Number	Location	Percent Moisture	Dry Density (pcf)	Correlation within 5%
Lab # 5679	Same as # 9	5.9	121.1	Yes

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
10	30' South of north end, 35' West of east side	7.9	117.4	p5362	95%	Pass
11	30' South of north end, 45' West of east side	7.2	118.8	p5362	96%	Pass



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Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
12	30' South of north end, 50' West of east side	7.8	119.1	p5362	96%	Pass
13	30' South of north end, 65' West of east side	4.9	119.0	p5362	96%	Pass
14	30' South of north end, 75' West of east side	7.9	119.7	p5362	97%	Pass
15	30' South of north end, 90' West of east side	6.0	119.0	p5362	96%	Pass
16	30' South of north end, 100' West of east side	6.3	121.6	p5362	98%	Pass
17	30' South of north end, 40' East of west side	9.0	120.3	p5362	97%	Pass
18	30' South of north end, 50' east of west side	7.8	119.7	p5362	97%	Pass
19	16' South of north end, 100' East of west side	6.2	125.1	p5362	100%	Pass

Sandcone Test

Test Number	Location	Percent Moisture	Dry Density (pcf)	Correlation within 5%
Lab # 5680	Same as # 19	4.9	123.9	Yes

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
20	25' South of north end, 100' East of west side	7.6	119.0	p5362	96%	Pass

Required Compaction of densities: 95% Proctor # p5362: 123.6 pcf @ 9.4% moisture

If you have any questions concerning this report, please call us at (208) 529-8242.

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: Lowell Trujillo
Eastern Idaho Regional Manager

Lance Peterson
lp

1230 N. Skyline Drive, Ste. C, Idaho Falls, ID 83402
E-Mail eimti@srv.net

208 529-8242

Fax 208 529-6911
www.cyberhighway.net/~mti

SAND CONE DENSITY DETERMINATION

Lab Number: 5680

Project No: E99005c Project: INEEL/TRA

Date: June 10, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 16' south of north end, 100' east of west side.

Hole Volume Calculation:

Sand Jar ID = B

Original Sand Weight = 11.59

Remaining Sand Weight = 4.30

Discharged Sand Weight = 7.29

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.49

Volume of Hole (ft³) = 0.056

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Jesse

Tare = 0.80

Pan + Wet Soil = 8.08

Pan + Dry Soil = 7.74

Mass of Moisture = 0.34

Percent Moisture = 4.9

Weight of Dry Soil = 6.94

Density of Removed Soil = 123.9

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 125.1

In Place Nuclear Moisture = 6.2

Sand Cone Density = 123.9

Sand Cone Moisture = 4.9

Remarks: _____

SAND CONE DENSITY DETERMINATION

Lab Number: 5679

Project No: E99005c Project: INEEL/TRA

Date: June 10, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 100' north of south end, 100' west of east side.

Hole Volume Calculation:

Sand Jar ID = A

Original Sand Weight = 11.47

Remaining Sand Weight = 4.10

Discharged Sand Weight = 7.37

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.57

Volume of Hole (ft³) = 0.057

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Brook

Tare = 0.80

Pan + Wet Soil = 8.11

Pan + Dry Soil = 7.70

Mass of Moisture = 0.41

Percent Moisture = 5.9

Weight of Dry Soil = 6.90

Density of Removed Soil = 121.1

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 118.5

In Place Nuclear Moisture = 7.2

Sand Cone Density = 121.1

Sand Cone Moisture = 5.9

Remarks: Correlates with in place density test no. 9.



MATERIALS TESTING & INSPECTION

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Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA
Inspector: Dean Bird
Inspection Date: June 14, 1999

Note: All tests were taken at Cell 57 at 4" depth, -12" below grade

MOISTURE DENSITY TEST REPORT

As requested MTI performed on-site density testing in accordance with current applicable standards. The results obtained were as follows:

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
1	35' South of north end, 60' West of east side	7.5	121.3	p5362	98%	Pass
2	40' South of north end, 65' West of east side	5.8	121.3	p5362	98%	Pass
3	35' South of north end, 70' East of west side	6.3	121.7	p5362	98%	Pass
4	35' South of north end, 80' East of west side	6.6	119.8	p5362	97%	Pass
5	50' North of south end, 60' West of east side	7.9	119.3	p5362	97%	Pass
6	40' South of north end, 75' West of east side	8.5	118.1	p5362	96%	Pass
7	50' South of north end, 50' West of east side	7.8	117.9	p5362	95%	Pass
8	30' South of north end, 35' West of east side	9.1	118.4	p5362	96%	Pass
9	40' South of north end, 50' West of east side	6.4	117.0	p5362	95%	Pass

Sandcone Test

Test Number	Location	Percent Moisture	Dry Density (pcf)	Correlation within 5%
Lab # 5681	Same as # 9	6.1	119.3	Yes

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
10	10' East of west side, 40' South of north end	7.8	117.3	p5362	95%	Pass
11	10' East of west side, 50' South of north end	7.2	119.2	p5362	96%	Pass



MATERIALS TESTING & INSPECTION

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☒ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspection

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
12	35' North of south end, 50' West of east side	7.8	119.9	p5362	97%	Pass
13	35' North of south end, 65' West of east side	6.2	120.2	p5362	97%	Pass
14	45' North of south end, 50' West of east side	7.4	119.3	p5362	97%	Pass
15	25' North of south end, 30' West of east side	8.5	120.9	p5362	98%	Pass
16	46' North of south end, 80' West of east side	7.7	119.7	p5362	97%	Pass
17	50' North of south end, 100' West of east side	8.4	119.6	p5362	97%	Pass
18	75' North of south end, 125' West of east side	6.9	123.7	p5362	100%	Pass

Sandcone Test

Test Number	Location	Percent Moisture	Dry Density (pcf)	Correlation within 5%
Lab # 5682	Same as # 18	6.2	120.5	Yes

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
19	45' West of east side, 30' North of south end	7.9	119.6	p5362	97%	Pass
20	25' West of east side, 50' North of south end	7.9	117.4	p5362	95%	Pass

Required Compaction of densities: 95% Proctor # p5362: 123.6 pcf @ 9.4% moisture

If you have any questions concerning this report, please call us at (208) 529-8242.

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: Lowell Trujillo
Eastern Idaho Regional Manager
Lance Peterson
lp

SAND CONE DENSITY DETERMINATION

Lab Number: 5682

Project No: E99005c Project: INEEL/TRA

Date: June 14, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 75' north of south end, 125' west of east side.

Hole Volume Calculation:

Sand Jar ID = B

Original Sand Weight = 11.13

Remaining Sand Weight = 3.92

Discharged Sand Weight = 7.21

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.41

Volume of Hole (ft³) = 0.055

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Brook

Tare = 0.80

Pan + Wet Soil = 7.84

Pan + Dry Soil = 7.43

Mass of Moisture = 0.41

Percent Moisture = 6.2

Weight of Dry Soil = 6.63

Density of Removed Soil = 120.5

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 123.7

In Place Nuclear Moisture = 6.9

Sand Cone Density = 120.5

Sand Cone Moisture = 6.2

Remarks: Correlates with in place density test no. 18.

SAND CONE DENSITY DETERMINATION

Lab Number: * 5681

Project No: E99005c Project: INEEL/TRA

Date: June 14, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 40' south of north end, 50' west of east side.

Hole Volume Calculation:

Sand Jar ID = A

Original Sand Weight = 10.98

Remaining Sand Weight = 3.45

Discharged Sand Weight = 7.53

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.73

Volume of Hole (ft³) = 0.059

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Jesse

Tare = 0.80

Pan + Wet Soil = 8.27

Pan + Dry Soil = 7.84

Mass of Moisture = 0.43

Percent Moisture = 6.1

Weight of Dry Soil = 7.04

Density of Removed Soil = 119.3

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 117.0

In Place Nuclear Moisture = 6.4

Sand Cone Density = 119.3

Sand Cone Moisture = 6.1

Remarks: Correlates with in place density test no. 9.



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

June 23, 1999

SUBMITTAL NO.: S-7304449.01-112 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho
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SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FINAL TEST REPORT TYPE A SOIL 1957 CELL 6/15/99
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA - LEO HERBERT	<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
	<input type="checkbox"/> OTHER - BILL OVERHOLT	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 TSB	BY: JUNE 30, 1999
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REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: *William J. Overholt*

DATE: 6/30/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	COMMENTS: YES <input type="checkbox"/> NO <input type="checkbox"/> ATTACHED: <input type="checkbox"/>
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RESPONSIBLE ENGINEER:	DATE:
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DOCUMENT REVIEW RECORD

☐ Project Document
☐ Design document
☒ Vendor Data

Project:

Document Number/Title:

Submittal No:

Reviewer:

Review Date:

Page: 1 of

[illegible]

Comment Resolutions Accepted By Reviewer:

Date:

Codes: M - Significant comment requires resolution acceptance from Reviewer. S - A suggestion to improve the document: resolution response required. E - Editorial comment. I - Incorporated, would improve the document.

METHOD DATA TABLE

P. P. PARVATIS ENGINEERING SCIENCE, INC.

[illegible]

ALL INFORMATION CONTAINED

1001 N. VANDERBILT AVE. P.O. BOX 10799

6.4.6.1.11. 03.90.3854

43	Subcontract No.	S-1304449-01-112	121 Rev
44	Product TRA	REHEATING ACTION ON 2-11-66	1304449-01
45	Subcontract	PHIBEX OF IDAHO, INC.	
46	Subcontract Code	99-02-112	
47	Date of Subcontract	06-22-99	

☐ 1. I am a very good subject to be incorporated in any researches related to the topic and research. Work may proceed subject to incorporation of my work.
☐ 2. I am a good subject. Work may proceed.
☐ 3. I am a not a good subject. Work may not proceed.
☐ 4. I am a not a good subject. Work may proceed.

ORIGINAL

Doc No	Spec No.	YDR No.	Qty. For	Unit	Material	Method	Dr. For	Field	1950	1951	Document No.	Date
A	02200 (1,3,1)	3-04	4									
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1957 CELL 06-15-99												

11

(20) Subcontractor Agreement

06-22-99

DD Date Entered	Date Forwarded	Qty Fwd	Signature
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DD Date Entered	Date Forwarded	Qty Fwd	Signature
6-23-99	6-23-99	4	HD

427 | Affiliated Community Association

2011年11月11日

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2011 | *Information* | *Journal of the Information Society* | *Volume 1* | *Issue 1*

the following table may be used:-

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☒ Environmental Services

☐ Geotechnical Engineering

☐ Construction Materials Testing

☐ Special Inspection

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Project: INEEL TRA

Inspector: Dean Bird

Inspection Date: June 15, 1999

Note: All tests were taken at Cell 57 at 4" depth, at grade

MOISTURE DENSITY TEST REPORT

As requested MTI performed on-site density testing in accordance with current applicable standards. The results obtained were as follows:

Test #	Location	Percent Moisture	Dry Density (pcf)	Proctor Number	Percent Compaction	Pass/Fail
1	35' South of north end, 35' West of east	5.9	120.7	p5362	98%	Pass
2	65' South of north end, 35' West of east side	7.7	119.8	p5362	97%	Pass
3	35' North of south end, 35' West of east side	6.9	119.0	p5362	96%	Pass
4	80' West of east side, 35' South of north end	8.6	119.0	p5362	96%	Pass
5	80' West of east side, 70' South of north end	8.6	120.0	p5362	97%	Pass
6	100' West of east side, 100' South of north end	5.7	118.9	p5362	96%	Pass
7	35' East of west side, 40' South of north end	5.6	120.4	p5362	97%	Pass
8	35' East of west side, 40' North of south end	7.9	118.9	p5362	96%	Pass
9	35' East of west side, 90' South of north end	7.1	118.1	p5362	96%	Pass



**MATERIALS
TESTING &
INSPECTION**

PAGE # 2 OF 2
REV. DATE 6/22/99

C:\199
JOBS\1E99005C\190ILSDENSITIES\10150.DOC

☒ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Sandcone Test

	Location	Percent Moisture	Dry Density (pcf)	Correlation within 5%
Lab #	Same as # 9	6.2	119.7	Yes
5683				

Required Compaction of densities: 95% Proctor # p5362: 123.6 pcf @ 9.4% moisture

If you have any questions concerning this report, please call us at (208) 529-8242.

Respectfully submitted,

MATERIALS TESTING & INSPECTION INC.

Reviewed by: **Lowell Trujillo**

Eastern Idaho Regional Manager

cc: Lance Peterson
LT/klp

SAND CONE DENSITY DETERMINATION

Lab Number: 5683

Project No: E99005c Project: INEEL/TRA

Date: June 15, 1999 Inspector: Dean Bird

Client: Phenix Contractor: Phenix

Location: 35' east of west side, 90' south of north end.

Hole Volume Calculation:

Sand Jar ID = C

Original Sand Weight = 11.79

Remaining Sand Weight = 4.34

Discharged Sand Weight = 7.45

Weight of Sand in Funnel = 2.80

Weight of Sand in Hole = 4.65

Volume of Hole (ft³) = 0.058

Unit Weight of Sand (pcf) = 80.14

Hole Density Calculation:

Pan ID = Brook

Tare = 0.80

Pan + Wet Soil = 8.17

Pan + Dry Soil = 7.74

Mass of Moisture = 0.43

Percent Moisture = 6.2

Weight of Dry Soil = 6.94

Density of Removed Soil = 119.7

Moisture-Density Gauge/Sand Cone Correlation:

In Place Nuclear Density = 118.1

In Place Nuclear Moisture = 7.1

Sand Cone Density = 119.7

Sand Cone Moisture = 6.2

Remarks: Correlates with in place density test no. 9.



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

June 24, 1999

SUBMITTAL NO.: S-7304449.01-113
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TOPOGRAPHY PLATS FINAL ROUGH GRADE 1957 CELL
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA - LEO HERBERT	<input type="checkbox"/> OTHER - BILL OVERHOLT

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT:
MS/3954 TSB

BY: JULY 1, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: *William F. Overholt*

DATE: 6/30/99

APPROVAL AUTHORITY DISPOSITION

IF SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:



DOCUMENT REVIEW RECORD

☐ Est Document
☐ Design document
☒ Vendor Data

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TECHNICAL DATA TRANSFER AND INFORMATION

FOR CONCRETE REINFORCING STEEL, INC.

Public and

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-22-2011 BY 60322
UCBAW

200 E. VERMONT AVE. P.O. BOX 10251

011-101-1011 03410-3951

Project	Subtotal	12/11/00	12/12/00
Project TRD	3-1304449.01	163	0
Project TRD	3-1304449.01	163	0

THE JOURNAL OF THE

(9) Subject matter Code 99-02-115

171 11-14 of 1200000 06-24-99

☐ Work may proceed subject to implementation of new elements of the Budget and needs. **Work may proceed subject to implementation of**

☐ Work may not proceed. **Work may not proceed**

☐ Work may proceed. **Work may proceed**

ORIGINAL

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A	02210 (1.3.1) (B)	4-04	8				X							
TOPOGRAPHY PLATS FINAL ROUGH GRADE 1957 - CELL														

[illegible]

201 Subcontractor Agreement

06-24-99

1221 Continued:

1251 Distribution	CVI	Rate	City Fuel	Expenditure
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231 - Additional Financial Analysis

2.4) **Ergebnisse**

11-21-11

—continued from page 10—

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THE UNIVERSITY OF CHICAGO

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Phoenix - T.R.F.

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Final Rough Grade

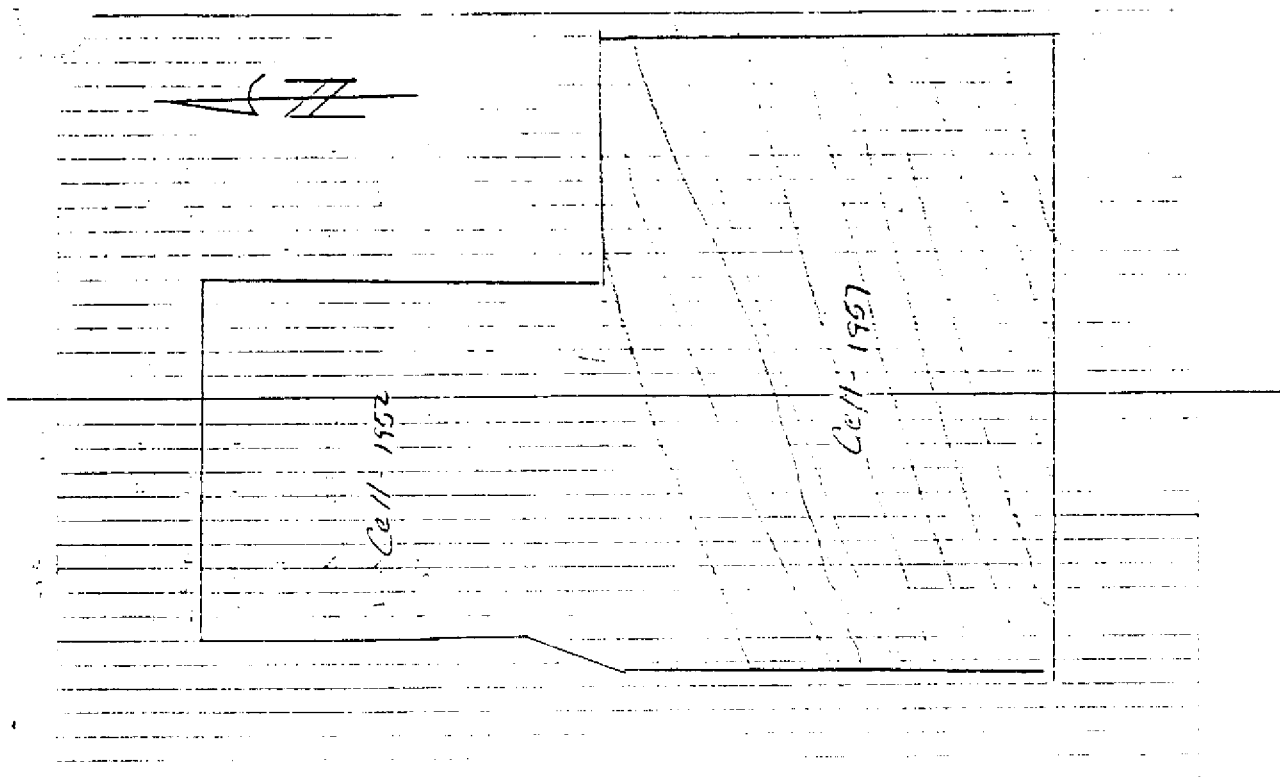
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W. Watson



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Toe 47-06-11	426.21	24.32
Toe 49-52-41	421.00	24.51
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Toe 41-18-30	250.20	24.03
Toe 33-04-10	165.91	24.11
Toe 11-03-06	105.67	24.91

VENDOR DATA TRADE

PARSONS ENGINEERING SCIENCE, INC.
 4343 5th Ave. 148 3854
 ATTN: Document Control
 200 S. WASHINGTON AVE. P.O. BOX 10750
 Madison, Idaho 83410-3854

Subcontract for S-7304449.01-115 12 Nov 0
 Project TRN REPERMAN ACTION 00 2-13 10 Nov 7304449.01
 Subcontractor PERMEX OF IDAHO, INC.
 Subcontract Code 99-02-118
 Date of Subcontract 06-30-99

ORIGINAL

1.1 Work may proceed subject to incorporation of any comments noted.
 1.2 Work may proceed. Work may proceed subject to incorporation of comments noted.
 1.3 Work may proceed. Work may proceed subject to incorporation of comments noted.
 1.4 Work may proceed. Work may proceed subject to incorporation of comments noted.

(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Line Item	Spec. Ref.	Qty	Unit	Material	Price	Description	Document	Rev
A 0	02840	N/A	4			PERMANENT MARKER		

101 December

120 Subcontractor Signature Date 06-30-99

122) Comments:		123) I Acknowledged Comments Attached		124) Signing		125) Date	



Phoenix of Idaho, Inc.

June 30, 1999

Mr. Craig Reese, Project Manager
Parsons Infrastructure & Technology Group
P.O. Box 1625
Idaho Falls, ID. 83415

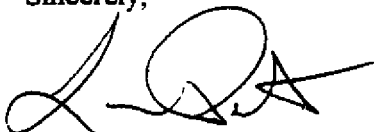
Re: Subcontract # 734449-T270-S001-99
Permanent Markers

Dear Mr. Reese,

Phenix of Idaho Inc. and supplier Idaho Travertine have looked over drawing C-15 Detail 2 and agree to dimensions and depths shown for permanent marker engraving. Permanent markers will be built to dimensions and depths as shown on drawings, and specifications 02840.

If you have any questions please feel free to contact me at your convenience.

Sincerely,



Lance Peterson
Phenix of Idaho Inc.

<input checked="" type="checkbox"/>	A	WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
<input type="checkbox"/>	B	REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
<input type="checkbox"/>	C	REVISE AND RESUBMIT WORK MAY NOT PROCEED
<input type="checkbox"/>	D	REVIEW NOT REQUIRED WORK MAY PROCEED
CONTRACT NO. <u>S-730444</u> 9.01- 116 R.O		
BY: <u>Arnette Poole</u>		
DATE: <u>7-12-99</u>		



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

July 1, 1999

SUBMITTAL NO.: S-7304449.01-115
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" PERMANENT MARKER

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

☒ ES&H -

☐ OTHER -

☒ CAM - CRAIG REESE

☒ ~~JOE JORDY LANDIS~~

☐ OTHER -

☒ ~~LEO HERBERG~~

☐ OTHER -

☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT:
MS/3954 TSB

BY: JULY 9, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
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REVIEWER:

DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS POSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ D

COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:

7/12/99



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

July 12, 1999

SUBMITTAL NO.: S-7304449.01-116
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION COBBLE 7/1/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

☒ ES&H

☐ OTHER

☒ CAM - CRAIG REESE

☒ CE - JODY LANDIS

☐ OTHER

☒ LEO HERBERT

☐ OTHER - BILL OVERHOLT

☐ OTHER

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RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT: MS/3954 TSB

BY: JULY 19, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	"A"		

REVIEWER: *William R. Carberry*

DATE: 7/12/99

APPROVAL AUTHORITY DISPOSITION

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DISPOSITION: ☐ A ☐ B ☐ C ☐ D

COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:



PARSONS

DOCUMENT REVIEW RECORD

☐ Project Document
☐ Design document
☒ Vendor Data

Page: 1 of

Document Number/Title:

Project:

Review Date:

Reviewer:

Submittal No:

COMMENT RESOLUTION

COMMENT

CODE

PAGE
NUMBER

SECTION
NUMBER

ITEM
NUMBER

Date:

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Codes: M - Significant comment requires resolution acceptance from Reviewer. S - A suggestion to improve the document: resolution response required. E - Editorial
C - If incorporated, would improve the document.

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07-01-99

[illegible]

100

pm	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
File Name File No	Spec. Ref	VOB Item No	Qty. Yard	Depth	Moist Avail	O. Fo Avail	Info	Subsided Data Description	Document No	Day		
A	02200 (3, 5, 1) (A)	4-02	4		X			TEST RESULTS GRADATION COBBLE 07-01-99				

Unit 07-01-99

1221 Continued:

007 Date Received	7-1-99	Date Forwarded	7-13-99	City Used	A.	Quantity	AP
DSE Distribution		CVR		Sale		CVR	
ES&H							
DC LLO				GAM Cravely			
DC				PNO			
UE Jody				RUB			

12-11 | A Half-Century of Community Anticorruption

--- 241 3111101100

THE UNIVERSITY OF CHICAGO

Highly sensitive, highly specific

1141



**MATERIALS
TESTING &
INSPECTION**

PAGE # 1 OF 1

REVISION DATE JULY 1, 1999

C:\199 JOBS\1E99005C\SOILS\5759.DOC

☒ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

**Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403**

Sieve Analysis & Grain Size Distribution

Project: INEEL TRA
Source: Bulk 8" minus Cranny Pit
Sample ID: 5759
Date Received: July 1, 1999

Sieve Size Inches	Percent Passing	Specifications
8"	100%	95-100%
6"	86%	75-95%
4"	51%	5-55%
2"	2%	0-5%

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: **Lowell Trujillo**
Eastern Idaho Regional Manager
LT/klp



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

July 14, 1999

SUBMITTAL NO.: S-7304449.01-117
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION COBBLE 7/7/99
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input type="checkbox"/> OTHER -
<input type="checkbox"/> LEQ HERBERT	<input type="checkbox"/> OTHER - BILL OVERHOLT

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT: MS/3954 TSB

BY: JULY 21, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER:

DATE:

APPROVAL AUTHORITY DISPOSITION

ALL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D

COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:



DOCUMENT REVIEW RECORD

☐ Document
☐ Design document
☒ Vendor Data

Document Number/Title:

Project:

Submittal No:

Review Date:

Page: 1 of

[illegible]

Comment Resolutions Accepted By Reviewer:

Date:

Codes: M - Significant comment requires resolution acceptance from Reviewer. S - A suggestion to improve the document: resolution response required. E - Editorial comment to be incorporated, would improve the document.

SEE INSTRUCTIONS REVERSE SIDE

VENDOR DATA TRANSFER AND DISPOSITION

- (1) Subcontract No. S-730449.01-117 (2) Rev. 0
 (3) Project TRA. REFERENCE ACTION NO. 2-13 (4) File # 730449.01
 (5) Subcontractor PIPERLIX OF IDAHO, INC.
 (6) Subcontractor Code 99-02-121
 (7) Date of Subcontract 07-07-99

PANDRES ENGINEERING SCIENCE, INC.
 1138 S.W. 14th Ave.
 A1111 Commercial Center
 200 S. W. 14th Ave. P.O. Box 10750
 Miami, Fla. 33163-3954

1. This work is subject to incorporation of any comments noted
 2. Review and rework. Work may proceed subject to incorporation of comments noted.
 3. Review and rework. Work may not proceed.
 4. Review and rework. Work may proceed.

ORIGINAL

(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Core Test by Day	Spec. Ref.	Notes	Mod. Appl.	On To Appl.	6.66	Subcontract Data Description	Document No.	Day	Page to day
A <u>Q</u>	02200 (3.5.1)(A) 4-02		X			TEST RESULTS GRADATION COBBLE 07-07-99			

B-519

(10) Remarks:

(20) Subcontractor Signature _____ Date 07-07-99

(21) Comments:		(22) Signature		(23) I have acknowledged receipt of this data collected and agree _____ to incorporate any comments.	
Date Forwarded <u>7-14-99</u>		Signature <u>AP</u>		Date <u>07-07-99</u>	
(24) Date Received	(25) Date	(26) Distribution	(27) Date	(28) Signature	(29) Date
<u>7-13-99</u>	<u>4</u>	<u>CAM Crag</u>	<u>PRO</u>	<u>Bill O</u>	
<u>ES&H</u>	<u>DC Lee</u>	<u>DC</u>	<u>DC</u>	<u>DC</u>	
<u>DC</u>	<u>DC</u>	<u>DC</u>	<u>DC</u>	<u>DC</u>	



**MATERIALS
TESTING &
INSPECTION**

PAGE # 1 OF 1

REVISION DATE JULY 7, 1999

C:\199 JOBS\1E99005C\1SOILS\15758

☒ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Sieve Analysis & Grain Size Distribution

Project: INEEL TRA
Source: Bulk 8" minus Cranny Pit
Sample ID: 5778
Date Received: July 6, 1999

Sieve Size Inches	Percent Passing	Specifications
8"	98%	95-100%
6"	85%	75-95%
4"	47%	5-55%
2"	2%	0-5%

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Reviewed by: **Lowell Trujillo**
Eastern Idaho Regional Manager
LT/klp



PARSONS

8/1

VENDOR DATA REVIEW TRANSMITTAL SHEET

July 22, 1999

SUBMITTAL NO.: S-7304449.01-118

Rev.0

PROJECT NO.: OU 2-13

TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01

Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION COBBLE 7/13/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input type="checkbox"/> A - LEO HERBERT	<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
	<input type="checkbox"/> OTHER - <i>Pat Taylor</i> BILL OVERHOLT	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:

Craig Reese

AT:

MS/3954 TSB

BY:

JULY 29, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	"A"		

REVIEWER:

William P. Overholt

DATE:

7/26/99

APPROVAL AUTHORITY DISPOSITION
ALL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D

COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:



PARSONS

DOCUMENT REVIEW RECORD

☐ Project Document
☐ Design document
☒ Vendor Date

Project:

Document Number/Title:

Submittal No:

Reviewer:

Review Date:

Page: 1 of

ITEM NUMBER	SECTION NUMBER	PAGE NUMBER	CODE	COMMENT	COMMENT RESOLUTION

Comment Resolutions Accepted By Reviewer:

Date:

Codes: M
comment

Significant comment requires resolution acceptance from Reviewer. S -
If incorporated, would improve the document.

Suggestion to improve the document: resolution response required.

Editorial

DISPOSITION

(1) Submittal No. S-7304449.01-118 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 9802-122
(7) Date of Submittal 7/20/99

ORIGINAL

Remarks:

(20) Subcontractor Signature _____
(22) Comments: _____

(21) Date Received	Date Forwarded	Qty Encl	Signature		
7-21-99	7-22-99	8	AP		
(25) Distribution	CVR	Sets	Distribution	CVR	Sets
ES H			CAM	Craig	
OC Leo			PRO		
DC			SUB		
CE Jody			BILL		

(22) Comments:

(23) | | Additional Comments Attached (24) Signature Date

(20) I acknowledge receipt of the data indicated and agree disagree to incorporate any comments.

Subcontractor Signature Date

**MATERIALS
TESTING &
INSPECTION**

Environmental Services

☐ Geotechnical Engineering☐ Construction Materials Testing☐ Special Inspection

Lance Peterson
Phoenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Sieve Analysis & Grain Size Distribution

Project: INEEL TRA
Source: Cranny Pit - 8" Gradation
Sample ID: 5857
Date Received: July 13, 1999

Sieve Size Inches	Percent Passing	Specifications
8"	100%	95-100%
6"	95%	75-95%
4"	35%	5-55%
2"	0.9%	0-5%

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Reviewed by: Lowell Fragallo
Eastern Idaho Regional Manager
LT/kip



PARSONS

120

VENDOR DATA REVIEW TRANSMITTAL SHEET

July 29, 1999

SUBMITTAL NO.: S-7304449.01-120
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION COBBLE 7-19-99

"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA - LEO HERBERT	<input type="checkbox"/> OTHER - BILL OVERHOLT

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT:
MS/3954 TSB

BY: AUG. 4, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	"A"		

REVIEWER:

DATE: 7/29/99

APPROVAL AUTHORITY DISPOSITION

ALL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D

COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:

120

VENDOR DATA TRANSMITTAL AND DISPOSITION

TO: PARSONS ENGINEERING SCIENCE, INC.
 Mail Stop: MS 3054
 ATTN: Document Control
 200 S. WOODRUFF AVE. (P.O. BOX 1625)
 Idaho Falls, Idaho 83415-3054

(1) Submittal No. S-1
 (2) Project TRA. MEDICAL ACTION QUL2-13
 (3) Subcontractor PHENIX OF IDAHO, INC.
 (4) Subcontractor Code 0002-124
 (5) Date of Submittal 7/26/99

(6) Rev. 1444.01 - 1
 (7) No. 73044-01

- (A) Work may proceed subject to incorporation of any comments noted.
- (B) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
- (C) Revise and resubmit. Work may not proceed.
- (D) Review not required. Work may proceed.

(8) Line Item No.	(9) Rev.	(10) Spec. Ref.	(11) VDS Item No.	(12) Qty. Encl.	(13) Resub.	(14) Mand. Aprt.	(15) Or Eq. Aprt.	(16) Info	(17) Submittal Data Description	(18) Document No.	(19) Rev.	(20) Deep Status
A		02200 3.5.1.A	4-02	5		X			TEST RESULTS GRADATION COBBLE 7-19-99			

19) Remarks:

(20) Subcontractor Signature

(21) Comments

Date 7-26-99

(21) Date Received		Date Forwarded		Qty Encl	Signature	

(20) Subcontractor Signature

Date



**MATERIALS
TESTING &
INSPECTION**

PAGE # 1 OF 1

REVISION DATE JULY 23, 1999

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☐ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspection

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Sieve Analysis & Grain Size Distribution

Project: INEEL TRA
Source: Minus 8' bulk Burns Pit
Sample ID: 5926
Date Received: July 19, 1999

Sieve Size Inches	Percent Passing	Specifications
8"	100%	95-100%
6"	84%	75-95%
4"	53%	5-55%
2"	0.2%	0-5%

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Reviewed by: **Lowell Trujillo**
Eastern Idaho Regional Manager
LT/klp

VENDOR DATA TRANSMITTAL AND DISPOSITION

TO: PARSONS ENGINEERING SCIENCE, INC.
 Mail Stop: MS 3854
 ATTN: Document Control
 200 S. WOODRUFF AVE. (P.O. BOX 1625)
 Idaho Falls, Idaho 83415-3854

(1) Submittal No. 5-1 (2) Rev. 0
 (3) Project IRA REMEDIAL ACTION CU 2-13 (4) No. 7304449.01
 (5) Subcontractor PHENIX OF IDAHO, INC.
 (6) Subcontractor Code 9902-123
 (7) Date of Submittal 7/29/99

- (A) Work may proceed subject to incorporation of any comments noted.
 (B) Revise and resubmit. Work may proceed subject to incorporation of comments noted.
 (C) Revise and resubmit. Work may not proceed.
 (D) Review not required. Work may proceed.

ORIGINAL

(8) Line Item No.	(9) Spec. Ref.	(10) VDS Item No.	(11) Qty. Encl.	(12) Resub.	(13) Mand. Appl.	(14) Or Eq. Appl.	(15) Info	(16) Submittal Data Description	(17) Document No.	(18) Disp. Status
A	02200 351 A	4-02	8		X			TEST RESULTS GRADATION COBBLE 7-28-99		A

(19) Remarks:

(20) Subcontractor Signature [Signature] Date 7-29-99

(22) Comments:

(21) Date Received	Date Forwarded	Qty Encl.	Signature	(23) Additional Comments Attached	(24) Signature	Date
7-29-99	7-29-99	8	AP		<u>[Signature]</u>	8/3/99
8-3-99	8-3-99	1	AP			

(20) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments.

(25) Distribution	CVR	Sets	Distribution	CVR	Sets
ES H			CAM <u>Craig</u>		
OC			PRO		
DC			SUB		
CE <u>[Signature]</u>					

Subcontractor Signature

9/3/99
 Date



Environmental Services

☐ Geotechnical Engineering

☐ Construction Materials Testing

☐ Special Inspections

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Sieve Analysis & Grain Size Distribution

Project: INEEL TRA
Source: Minus 8' bulk Burns Pit
Sample ID: 6038
Date Received: July 26, 1999

Sieve Size Inches	Percent Passing	Specifications
8"	100%	95-100%
6"	89%	75-95%
4"	53%	5-55%
2"	0.9%	0-5%

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo

Reviewed by: Lowell Trujillo
Eastern Idaho Regional Manager
LT/klp

<input checked="" type="checkbox"/> A	WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
<input type="checkbox"/> B	REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
<input type="checkbox"/> C	REVISE AND RESUBMIT WORK MAY NOT PROCEED
<input type="checkbox"/> D	REVIEW NOT REQUIRED WORK MAY PROCEED
CONTRACT NO. <u>5-7304449.01-123</u>	
BY: <u>Arnette Poole</u>	
DATE: <u>8-31-99</u>	

R.O



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

August 2, 1999

SUBMITTAL NO.: S-7304449.01-123
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION COBBLE 7/26/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> - LEO HERBERT	<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
	<input type="checkbox"/> OTHER - BILL OVERHOLT	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT: MS/3951 008

BY: AUG. 9, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER:

DATE:

APPROVAL AUTHORITY DISPOSITION

TAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS POSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ D ☐ E COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE: 8/30/99



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

August 2, 1999

SUBMITTAL NO.: S-7304449.01-123
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION COBBLE 7/26/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA - LEO HERBERT	<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
	<input type="checkbox"/> OTHER - <u>BILL OVERHOLT</u>	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT:
MS/3954 008

BY: AUG. 9, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	"A"		

REVIEWER: William J. Overholt

DATE: 8/4/99

APPROVAL AUTHORITY DISPOSITION

ALL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COM POSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D ☐ E COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

August 2, 1999

SUBMITTAL NO.: S-7304449.01-123
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION COBBLE 7/26/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input type="checkbox"/> ES&H	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> A - LEO HERBERT	<input type="checkbox"/> OTHER -
<input type="checkbox"/> OTHER - BILL OVERHOLT	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT:
MS/3951 JB

BY: AUG. 9, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER: *[Signature]* DATE: 5/4/99

APPROVAL AUTHORITY DISPOSITION

ALL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS POSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐

COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:

VED DISPOSITION

TO: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. S - 104449.01 - 124 (2) Rev. 0
(3) Project TRA NSFERENTIAL ACTION CU 2-13 (4) No. 730449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 9902-128
(7) Date of Submittal 2/11/99

(A) Work may proceed subject to incorporation of any comments noted.
(B) Revise and resubmit. Work may proceed subject to incorporation of
(C) Revise and resubmit. Work may not proceed.
(D) Review not required. Work may proceed.

ORIGINAL

[illegible]

19) Remarks:

Date 8-11-99

(20) Subcontractor Signature _____

(22) Comments:

(21) Date Received	Date Forwarded	Qty Encl	Signature
8-16-99	8-16-99	4	AP
8-31-99	8-31-99	1	AP

(25) Distribution	CVR	Sets	Distribution	CVR	Sets
ES H			CAM Craig		
OC Leo			PRO		
DC			SUB		
CE Judy			Bill O		

(23) Additional Comments Attached

(24) Signature

(20) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments.

Subcontractor Signature _____

9/3/92



MATERIALS TESTING & INSPECTION

PAGE # 1 OF 1

REVISION DATE AUGUST 11,
1999

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☐ Environmental Services ☐ Geotechnical Engineering ☐ Construction Materials Testing ☐ Special Inspections

Lance Peterson
Phenix Construction
P. O. Box 1626
Idaho Falls, ID 83403

Sieve Analysis & Grain Size Distribution

Project: LNEEL TRA
Source: Minus 8" bulk Burns Pit
Sample ID: 6143
Date Received: August 4, 1999

Sieve Size Inches	Percent Passing	Specifications
8"	100%	95-100%
6"	93%	75-95%
4"	53%	5-55%
2"	4.1%	0-5%

Respectfully submitted,
MATERIALS TESTING & INSPECTION INC.

Lowell Trujillo
Reviewed by: Lowell Trujillo
Eastern Idaho Regional Manager
LT/klp

<input checked="" type="checkbox"/> A	WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
<input type="checkbox"/> B	REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES INDICATED
<input type="checkbox"/> C	REVISE AND RESUBMIT WORK MAY NOT PROCEED
<input type="checkbox"/> D	REVIEW NOT REQUIRED WORK MAY PROCEED
CONTRACT NO. <u>E-730444</u> 9.01-124	
BY: <u>Amitha Poole</u>	
DATE: <u>8-31-99</u>	

R.O

**PARSONS****VENDOR DATA REVIEW TRANSMITTAL SHEET**

August 16, 1999

SUBMITTAL NO.: S-7304449.01-124
Rev.0PROJECT NO.: OU 2-13
TRA Remedial ActionSUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION COBBLE 8/4/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

☒ ES&H -☐ OTHER -☒ CAM - CRAIG REESE☒ CE - JODY LANDIS☐ OTHER -☒ QA - LEO HERBERT☐ OTHER - BILL OVERHOLT☐ OTHER -RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig ReeseAT:
MS/3954 TSB

BY: AUG. 23, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER:

DATE:

APPROVAL AUTHORITY DISPOSITION

INITIAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ DCOMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

August 18, 1999

SUBMITTAL NO.: S-7304449.01-124
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TEST RESULTS GRADATION COBBLE 8/4/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA - LEO HERBERT	<input checked="" type="checkbox"/> CE - JOEY LANDIS	<input type="checkbox"/> OTHER -
	<input type="checkbox"/> OTHER - BILL OVERHOLT	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT: MS/3954 TSB

BY: AUG. 23, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER:

DATE: 8/23/99

APPROVAL AUTHORITY DISPOSITION

ALL SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL CO
DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ D

COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:

VENDOR DATA TRANSMITT

TO: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3854
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3854

(1) Submittal No. 9304449.01-125 (2) Rev. 0
(3) Project IRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 9902-129
(7) Date of Submittal 8/13/99

(A) Work may proceed subject to Incorporation of any comments noted.
(B) Revise and resubmit. Work may proceed subject to Incorporation of comments noted.
(C) Revise and resubmit. Work may not proceed.
(D) Review not required. Work may proceed.

100-443887-100

[illegible]

(19) Remarks:

Date 8-13-94

(20) Subcontractor Signature _____

(22) Comments:

(21) Date Received	Date Forwarded	Qty Encl	Signature
8-16-99	8-16-99	4	AP
8-31-99	8-31-99	1	AP

(25) Distribution	CVR	Sets	Distribution	CVR	Sets
ES H			CAM <i>Crang</i>		
OC <i>Lea</i>			PRO		
DC			SUB		
CE <i>John</i>			<i>Bill O</i>		

(20) I acknowledge receipt of the data indicated and agree to incorporate any comments.

9/3/99
Date

High Valley Concrete LLC
St. Anthony, Idaho

Driver's Weigh Ticket

(208) 624-6499

Ticket # 27441

Date: 07-21-1999

Time: 6:27: a.m.

Job Name: PHINIX
Contractor: B
Location: TRA
Mix Dsn.Desc.: 61
Job # 38
Cement Type: 0

Truck # 5
License # YF243
Owner: HIGH VALLEY
Driver: STEVEN LUSK
Mix Formula # 61
Invoice # 6649

Aggreg. #1: 0	9,000 Lbs.	Quantity :	5 Yards
Aggreg. #2: 0	6,680 Lbs.	Quantity :	19,740 Pound
Aggreg. #3: 0	0 Lbs.	Air Ent. :	0
Aggreg. #4: 0	0 Lbs.	Water Red. :	0
Cement:	3,060 Lbs.	Additive #3: 0	0.0 Ozs.
FlyAsh:	0 Lbs	Additive #4: 0	0.0 Ozs.
		Water :	120 Gal.

Up to 6 gallons may be added within the mix design. Customer must initial here _____ in addition to signing below to request more water than that.

Signed _____ Driver added: _____ gals. Driver's initials: ✓

HIGH VALLEY
P.O. Box 321
110 North 2300 East
St. Anthony, ID 83445
(208) 624-MIXX
(208) 390-MIXX
CONCRETE

SOLD TO PHINIX CONST.		DATE 7-21-99	
BILLING ADDRESS TRA		CUSTOMER PURCHASE ORDER NO 63	
DELIVERY INFORMATION TRA		DATE 7-21-99	
TYPE PLACEMENT NO. H-5		DRIVER STEVEN	
MILEAGE START 16043 FINISH 16147 TOTAL MILES 104		BATCH PLANT 1 2 3 4	
TIME ARRIVE 8:00 DEPART 8:55 TOTAL TIME 55		JOB TIME TOTAL	
STRENGTH PERCENT CA. CL.		WATER ADDED OVER ORDERED SLUMP GAL	
HOT WATER COMBUSTION		WATER ADDED OVER ORDERED SLUMP GAL	
YDS. DELIVERED YDS. ORDERED		CONTRACT NO. 5-730444901-101-125	
CAUTION: When placed in concrete and exposed to strength, any water added to the mix will reduce the strength of the concrete. The contractor is responsible for the strength of the concrete. The contractor is responsible for the strength of the concrete. The contractor is responsible for the strength of the concrete.		DATE 8-31-99	
WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS		WORK MAY NOT PROCEED	
WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES		WORK MAY NOT PROCEED	
WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES		WORK MAY NOT PROCEED	



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

August 16, 199

SUBMITTAL NO.: S-7304449.01-125
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CONCRETE BATCH TICKETS 7/27/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA - LEO HERBERT	<input type="checkbox"/> OTHER - BILL OVERHOLT
<input type="checkbox"/> OTHER -	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT: MS/3954 TSB

BY: AUG. 23, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER:

DATE:

APPROVAL AUTHORITY DISPOSITION

ALL SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

B

COMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE: 8/23/99

August 18, 1999

SUBMITTAL NO.: S-7304449.01-125
Rev.0PROJECT NO.: OU 2-13
TRA Remedial ActionSUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CONCRETE BATCH TICKETS 7/27/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

☒ ES&H -☐ OTHER -☒ CAM - CRAIG REESE☒ CE - JODY LANDIS☐ OTHER -☒ QA - LEO HERBERT☐ OTHER - BILL OVERHOLT☐ OTHER -RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT: MS/3954 TSB

BY: AUG. 23, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	L		
REVIEWER:	<i>[Signature]</i>		DATE: 8/23/99

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ DCOMMENTS: YES ☐ NO ☐ ATTACHED. ☐

RESPONSIBLE ENGINEER:

DATE:

AND DISPOSITION

(1) Submittal No. 736, 49, 01-128 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 9902-137
(7) Date of Submittal 9/17/99

LEGAL

(19) Remarks:

Date 9-17-99

(22) Comments:

(23) [] Additional Comments Attached

(24) Signature

औद्योगिक

(20) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments.

Subcontractor Signature

Date _____

(208) 390-6499

Date: 09-08-1999

Driver's Weigh Ticket

Ticket # 27886

Job Name: PHENIX CONST.

Truck # 5
License # YF243
Owner: HIGH VALLEY
Driver: STEVEN LUSK

Owner:

Location: TRA

Descrpt: 62

Job # 38

Item # 7336

Quantity: 39,459 Pounds
Additive #1: 168 OZB.
Additive #2: 42 OZB.
Additive #3: 0 OZB.
Additive #4: 0 OZB.
Water: 210 GAL.

Aggregate #1: 18,420 Lbs.
Aggregate #2: 13,700 Lbs.
Aggregate #3: 0 Lbs.
Aggregate #4: 0 Lbs.
Cement: 5,590 Lbs.
Flyash: 0 Lbs.

Driver

Weighmaster

- ☒ A WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
☐ B REVISE AND RESUBMIT
☐ C WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES
☐ D REVIEW NOT REQUIRED
☐ E WORK MAY NOT PROCEED
☐ F WORK MAY PROCEED

CONTRACT NO. 5-7304449
BY *Chadler*
DATE 9-27-99

HIGH VALLEY
P. O. Box 321
110 North 2300 East
St. Anthony, ID 83445
(208) 624-MIXX
(208) 390-MIXX
CONCRETE

DATE	7/4/36
CUSTOMER ACCT NO.	19
CUSTOMER PURCHASE ORDER NO.	

SOLD TO	
BILLING ADDRESS	

DELIVERY INFORMATION

01-128-77.0

TYPE PLACEMENT	TRUCK NO.	DRIVER
----------------	-----------	--------

MILEAGE	START	FINISH	TOTAL MILES
	21977		

ARRIVE	JOB	TIME
10:30	145	200

STRENGTH	PERCENT	HOT WATER	ORDERED SLUMP	DELIVERED SLUMP	PRODUCT CODE	UNITS	UNIT PRICE	AMOUNT

DELIVERY

SMALL LOAD CHARGE

Ca CL

HOT WATER

ADMIXTURE

YDS DELIVERED OF

YDS ORDERED

SUB-TOTAL

TAX

TOTAL

* Additional Water added to Concrete will reduce its strength. ANY WATER ADDED OVER THE ORDERED SLUMP IS DONE AT CUSTOMER'S RISK. Not responsible for damage resulting from deliveries made inside property lines. Customer will be charged for costs incurred for attempted deliveries to inaccessible sites. We reserve the right to refuse orders which cannot be delivered safely. STAND-BY AND / OR DUMPING IN EXCESS OF 10 MINUTES PER YARD WILL BE CHARGED AT THE RATE OF \$65.00 PER HOUR UNLESS OTHERWISE STIPULATED.

CAUTION: Freshly mixed concrete or grout may cause skin injury. Avoid contact with skin where possible and wash exposed skin promptly with water. If any cement or cement materials get into the eye, rinse immediately and repeatedly with water and get prompt medical attention. KEEP OUT OF REACH OF CHILDREN.

TERMS: Net Accounts due and payable 10th of month following invoice date. In the event this claim is not paid within 10 days we agree to pay full attorney fees and / or collection costs. Together with finance charge at the rate of 1 1/2% per month which is 18% annually until paid in full. Notice is hereby given of intent to be ten as required by State law if payment is not made when due. FINANCE CHARGE 1 1/2% PER MONTH. 18% ANNUALLY. With a \$50 minimum charge.

RECEIVED AND THE ABOVE TERMS AGREED TO

Kelly



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

September 20, 1999

SUBMITTAL NO.: S-7304449.01-128

Rev.0

PROJECT NO.: OU 2-13

TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01

Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CONCRETE BATCH TICKETS 9/7/99 & 9/8/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA -	<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
	<input type="checkbox"/> OTHER -	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:

Craig Reese

AT:

MS/3954 TSB

BY:

SEPT. 27, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER:

DATE:

APPROVAL AUTHORITY DISPOSITION

ALL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL CLOSURE DISPOSITION PROVIDED.

TS

DISPOSITION: ☒ A ☐ B ☐ C ☐ D

COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER:

Craig Reese

DATE:

9/27/99

**PARSONS****VENDOR DATA REVIEW TRANSMITTAL SHEET**

September 20, 1999

SUBMITTAL NO.: S-7304449.01-128
Rev.0PROJECT NO.: OU 2-13
TRA Remedial ActionSUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" CONCRETE BATCH TICKETS 9/7/99 & 9/8/99

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
	<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
A -	<input type="checkbox"/> OTHER -	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE EVIDENCE THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig ReeseAT:
MS/3954 TSB

BY: SEPT. 27, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		
REVIEWER: <i>J. A. Martin</i>		DATE: 9/21/99	

APPROVAL AUTHORITY DISPOSITION

ALL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS DISPOSITION PROVIDED.

DISPOSITION: ☐ A ☐ B ☐ C ☐ DCOMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:

AND DISPOSITION

(1) Submittal No. S-1284444, W-131 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 9502-146
(7) Date of Submittal 9/22/99

ORIGINAL

(19) Remarks:

Date 9-22-99

(23) [] Additional Comments Attached

☐ I acknowledge receipt of the data indicated and agree to incorporate any comments.

Subcontractor Signature

Case

☒ A WORK MAY PROCEED SUBJECT TO
INCORPORATION OF COMMENTS

☐ B REVISE AND RESUBMIT
WORK MAY PROCEED SUBJECT TO
INCORPORATION OF CHANGES
INDICATED

☐ C REVISE AND RESUBMIT
WORK MAY NOT PROCEED

☐ D REVIEW NOT REQUIRED
WORK MAY PROCEED

CONTRACT NO. 5-730444

BY Ernette Poole

DATE 9-27-99

5220

Phoenix - T.R.H.

Stake Red Top TOP GRAVE 1

Cell - 1957 + 021st stage

Cell 1957 + 1952 7-8-99

check 1st TOP GRAVE 1

6-22-99

SUNNY 70°

7-8-99

SUNNY 50°

FINAL check

1st stage GRAVE 1

A. DeLaGazza

W. Watson

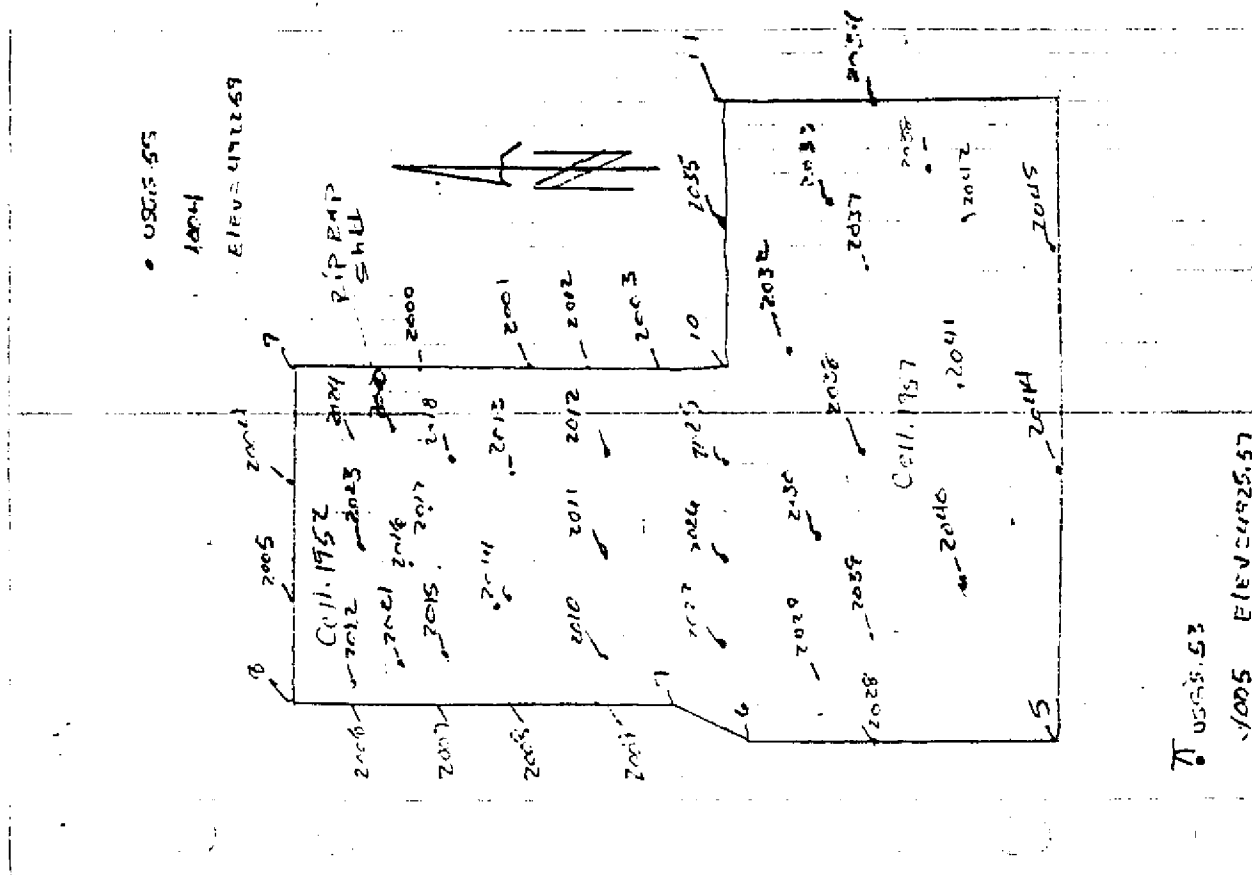
✕	✕	Dist Elev	B.S.
12-12-17	✕	113.30	241.3
25-10-30		205.10	25.3
113-21-21		209.00	24.3
417-27-09		116.00	25.3
Ddnt Red Top Cell 1952			
12-03-04		435.25	25.83
7-09-12		480.77	26.96
3-07-36		529.18	26.33
359-17-17		588.37	25.83
358-21-57		615.27	24.33
350-43-27		616.72	23.33
344-36-07		574.69	23.83
338-05-21		579.93	24.33
339-20-41		510.95	24.33
341-16-09		432.52	24.88
342-41-31		388.69	24.33
345-10-23		330.73	24.33
355-56-32		355.29	25.83
1-47-10		376.28	26.83
8-31-07		410.29	26.83
357-07-16		427.38	26.83
390-33-33		403.74	25.83
346-46-28		443.17	25.33
351-14-50		461.63	26.33

✕	Dist Elev	B.S.
353-12-56	478.23	27.33
359-35-23	483.29	27.83
359-46-14	509.48	27.83
355-21-13	549.79	26.33
345-58-40	521.97	26.33
340-53-43	546.79	26.33
345-35-31	553.43	25.33
354-27-25	580.40	25.33

Splis. on Cell 1957
 AS per Kelly E. L. OREN
 (2nd copy)

✕	Dist Elev
23-27-30	427.60
15-05-20	328.80
5-51-20	297.90
348-21-30	239.40

33-01-11
 per Kelly



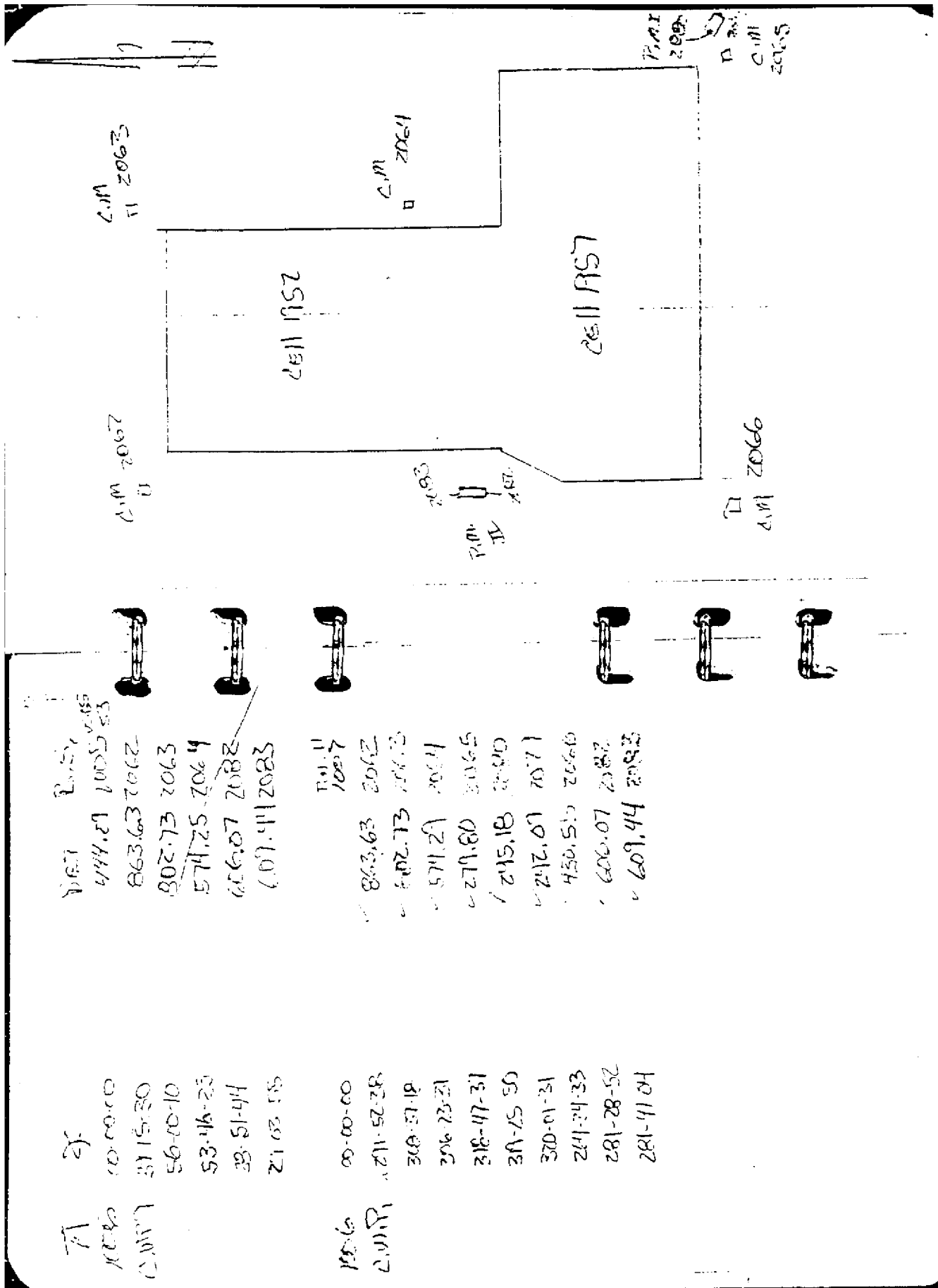
- ☒ A WORK MAY PROCEED WITH INCORPORATION OF CHANGES
- ☐ B REVISE AND RESUBMIT WORK MAY PROCEED WITH INCORPORATION OF CHANGES INDICATED
- ☐ C REVISE AND RESUBMIT WORK MAY NOT PROCEED
- ☐ D REVIEW NOT INDICATED WORK MAY PROCEED

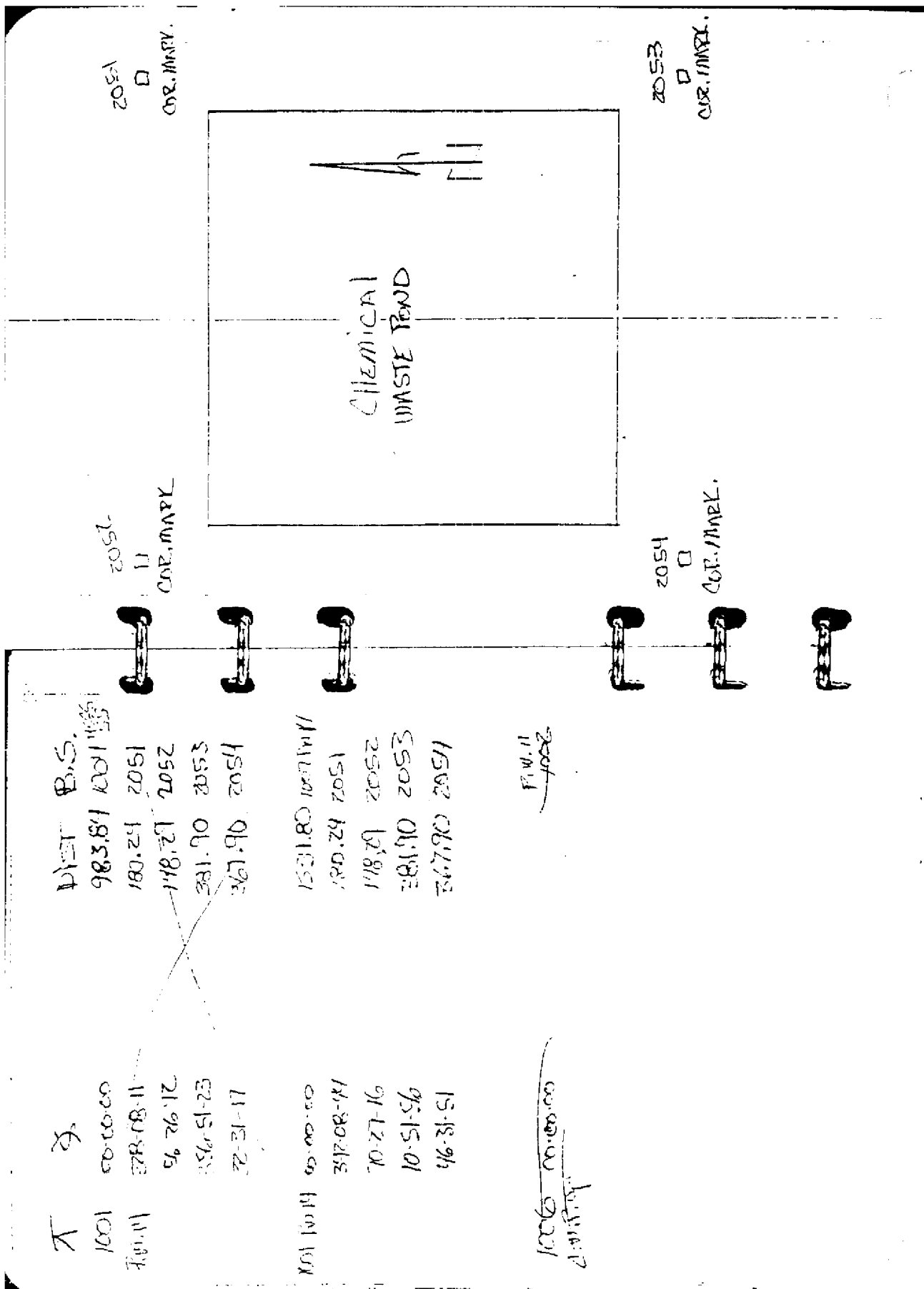
5220

CONTRACT NO. S-7304449.01-137
 R. D.
 9-27-99
 PHENIX-TZA
 PERMANENT MARKERS
 & BRASS CORNER MARKERS
 RADIAL

S-11-99
 Cloudy 80°

M. HUDSON
 A. DELAGARZA
 W. WATSON

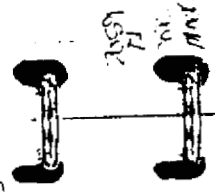




7

1001 20-00-00
 10114 231-30-18
 223-52-30
 250-15-05
 5-03-15

Dist B.S.
 925.81 1004 2056
 582.84 2056
 818.87 2057
 1086.87 2058
 770.78 2059



2059
 17
 100

1006 00-00-00
 6.11.19 308-10-20
 332-43-39
 327-27-21
 307-14-25

1320.10 2056
 1313.59 2057
 856.89 2058
 1056.71 2059



20511
 1007

308-10-30
 319-10-53
 332-43-39
 327-29-21
 307-14-25

✓ 1330.10 2055
 ✓ 1404.74 2056
 ✓ 1343.59 2057
 ✓ 856.89 2058
 ✓ 1056.71 2059

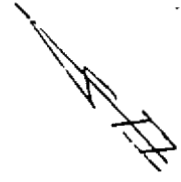


CON. DAILY.



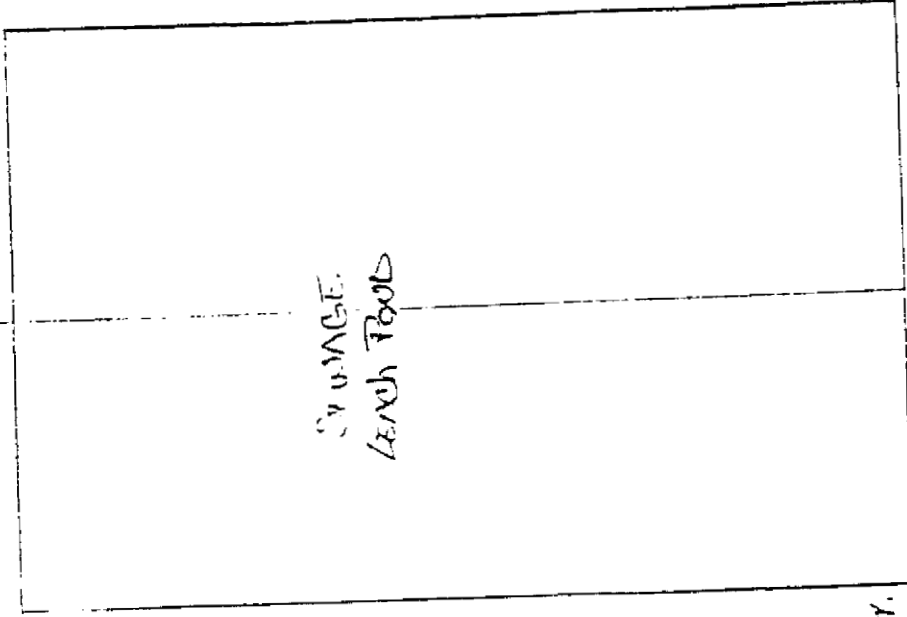
17
 2058

2055
 100
 100.100.



CON.
 100.100.
 2055

STORAGE
 LEACH POOL



CON.
 100.100.
 2057

* 0.50



PARSONS

VENDOR DATA REVIEW TRANSMITTAL SHEET

September 23, 1999

SUBMITTAL NO.: S-7304449.01-137
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FIELD NOTES AND/OR TEST RESULTS

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> ES&H	<input type="checkbox"/> OTHER
<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input type="checkbox"/> OTHER
<input checked="" type="checkbox"/> QA	<input type="checkbox"/> OTHER

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE ASSUMED THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig Reese

AT:
MS/3954 TSB

BY: SEPT. 27, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER: _____ DATE: _____

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ D COMMENTS: YES ☐ NO ☒ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:

9/27/99

ERP-132-92 (9/92)

AND DISPOSITION


(1) Submittal No. 5-204449.01-141 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 9802-143
(7) Date of Submittal 9/22/99

1
 2
 3
 4
 5
 6

[illegible]

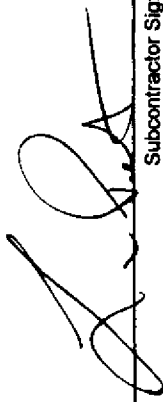
(20) Subcontractor Signature

Date 7-22-98

(21) Date Received	Date Forwarded	Qty End	Signature	(22) Comments
9-23-99	9-23-99	17	AP	<div style="text-align: center;">  9/27/99 </div>
9-27-99	9-27-99	1	AP	

(23) Additional Comments Attached	(24) Signature	Date

(25) Distribution	CVR	Sets	Distribution	CVR	Sets
ES H			CAM <i>Craig</i>		
OC			PRO		
DC			SUB		
CE					

(20) I acknowledge receipt of the data indicated and agree _____ disagree _____ to incorporate any comments.	Subcontractor Signature	Date
	<div style="text-align: center;">  </div>	9-28-99



Phoenix of Idaho, Inc.

September 22, 1999

Mr. Craig Reese, Project Manager
Parsons Infrastructure & Technology
P.O. Box 1625
Idaho Falls, ID 83415

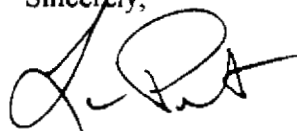
RE: Subcontract # 734449-T270 S001-99
VDS 3-02 Records of Inspection

Dear Mr. Reese,

Permanent markers were installed as shown on drawings. Footings, rebar placement, and markers were built to dimensions as shown on drawings. An approved Epoxy Grout was used for a solid fit to the concrete footing.

If you have any questions please feel free to contact me at your convenience.

Sincerely,



Lance Peterson
Phoenix of Idaho, Inc.

<input checked="" type="checkbox"/>	A	WORK REVIEWED AND APPROVED INCORPORATION OF COMMENTS
<input type="checkbox"/>	B	REVISE AND RESUBMIT WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES AS NOTED
<input type="checkbox"/>	C	REVISE AND RESUBMIT WORK MAY NOT PROCEED
<input type="checkbox"/>	D	REVIEW NOT REQUIRED WORK MAY PROCEED
CONTRACT NO. <u>5-730449.01-141 R.O</u>		
BY <u>Annette Rose</u>		
DATE <u>9-27-99</u>		

F:\phoenix\wpdata\734449.09

**PARSONS****VENDOR DATA REVIEW TRANSMITTAL SHEET**

September 23, 1999

SUBMITTAL NO.: S-7304449.01-141 Rev.0	PROJECT NO.: OU 2-13 TRA Remedial Action	SUBCONTRACT NO.: S-7304449.01 Phenix of Idaho
SUBMITTAL DESCRIPTION: LINE ITEM(s): "A" RECORDS OF INSPECTION "B" "C" "D" "E"		
REVIEW AND COMMENT REQUEST FORM		
<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input checked="" type="checkbox"/> ES&H - <input checked="" type="checkbox"/> CE -	<input type="checkbox"/> OTHER - <input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA -	<input type="checkbox"/> OTHER -	<input type="checkbox"/> OTHER -
RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM. RECORD RECOMMENDED DISPOSITION BELOW. IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE ASSUMED THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE. RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.		
RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 TSB	BY: SEPT. 27, 1999

REVIEW COMMENTS AND DISPOSITION			
LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			
REVIEWER:			DATE:

APPROVAL AUTHORITY DISPOSITION SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.			
DISPOSITION: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D		COMMENTS: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ATTACHED: <input type="checkbox"/>	
RESPONSIBLE ENGINEER: 		DATE: 9/23/99	

ERP-132-82 (9/92)

VENDOR DATA TRANSMISSION

VENDOR DATA TRANSMISSION

TO: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. 5-1224449.01-146 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION QU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 9902-150
(7) Date of Submittal 9/27/99

(A) Work may proceed subject to Incorporation of any comments noted.
(B) Revise and resubmit. Work may proceed subject to Incorporation of
(C) Revise and resubmit. Work may not proceed.
(D) Review not required. Work may proceed.

ORIGINAL

[illegible]

(19) Remarks:

(20) Subcontractor Signature

Date 9-27-94

(22) Comments:

(21) Date Received	Date Forwarded	Qty Encl	Signature
9-29-99	9-29-99	4	AP
9-29-99	9-30-99	1	AP

(25) Distribution	CVR	Sets	Distribution	CVR	Sets
	ES H		CAM <i>Clay</i>		
QC			PRO 0		
DC			SUB		
CE <i>body</i>					

(20) I acknowledge receipt of the data indicated and agree _____ to incorporate any comments.

Subcontractor Signature

Date _____

5220

<input checked="" type="checkbox"/> A	WORK MAY PROCEED SUBJECT TO INCORPORATION OF COMMENTS
<input type="checkbox"/> B	REVISE AND RESUBMIT
<input type="checkbox"/> C	WORK MAY PROCEED SUBJECT TO INCORPORATION OF CHANGES RECOMMENDED
<input type="checkbox"/> D	REJECT AND RESUBMIT
<input type="checkbox"/> E	WORK MAY NOT PROCEED
<input type="checkbox"/> F	REVIEW NOT REQUIRED
<input type="checkbox"/> G	WORK MAY PROCEED

TRACT NO. 5-730444 9.01-146
Committee People R.D.
DATE 9-30-99

PHENIX T.R.A.
CHECK LISTS ON
CELLS 1957 & 1952
TOP 1ST 4" LIFT GENERAL

M. HUDSON
M. DELBACHEN

7-8-99
SUNNY 800

7

U.S.G.S.
1006 (53) 00.00.00

U.S.G.S.
1004 (55)

Dist	ELEV	B.S.
762.73		1004 (55)
235.70	24.33	6
304.10	24.33	7
325.20	25.83	2021
381.80	26.83	2016
410.10	26.33	10
451.90	25.83	1035
476.0	25.33	11
431.90	25.83	2033
372.40	26.33	2032
304.60	26.83	2031
235.10	26.83	2030
243.60	25.33	2029
194.90	24.33	2028
211.90	26.33	2039
300.90	26.33	2038
350.60	26.33	2037
4116.70	25.83	2034
427.90	25.83	2036
379.70	25.83	2042
286.40	25.83	2041
193.90	25.83	2040
381.80	26.83	2025

CHALKED ELEV'S OF FIRST
LIFT OF GRADUAL USING
TOP OF ROUGH GRADE PLUS
33'

T	X	Dist	ELEV	B/S
12.12.17		113.30	24.33	5
35.10.30		205.10	25.33	2044
43.24.21		309.00	24.33	2045
47.22.09		416.00	25.33	17
12.03.04		435.25	25.83	2003
7.09.12		450.77	26.96	2002
3.07.36		529.18	26.33	2001
359.17.17		688.37	25.83	2000
356.21.27		615.27	24.33	9
350.43.29		646.72	23.33	2004
344.36.07		654.69	23.83	2005
338.08.21		579.93	24.33	8
339.20.11		510.95	24.33	2006
311.16.09		432.52	24.58	2007
342.41.31		399.67	24.33	2008
345.10.23		330.73	24.33	2009
355.56.22		355.29	25.83	2010
1.47.10		376.29	26.83	2011
5.31.07		410.29	26.83	2012
357.07.16		427.38	26.83	2013
350.23.33		403.74	25.83	2014
342.16.28		443.17	25.33	2015
351.14.50		461.63	26.33	2016

π	χ	Dist	Elev	B.S.
352.4164		418.23	27.33	2017
357.3523		418.27	27.83	2018
357.46.41		505.47	27.83	2019
352.211.15		519.79	26.33	2020
345.55.40		521.97	26.33	2021
346.53.13		544.79	25.33	2022
345.35.51		553.13	25.33	2023
354.77.15		580.10	25.33	2024

☒ A WORK MAY PROCEED SUBJECT TO
INCORPORATION OF COMMENTS

☐ B REVISE AND RESUBMIT
WORK MAY PROCEED SUBJECT TO
INCORPORATION OF CHANGES
INDICATED

☐ C REVISE AND RESUBMIT
WORK MAY NOT PROCEED

☐ D REVIEW NOT REQUIRED
WORK MAY PROCEED

5220

CONTRACT NO. S-7304449.01-1462

BY Annelle Peole

B.O

DATE 9-30-99

PHENIX T.R.A.
CHECK LISTS ON
CELLS 1957 & 1952
TOP 1" COBBLE LIFT

7-13-99

SUNNY 80°

M. Hanson

A. Dolan

4.5.05.53
 1005
 344-40-55
 346-51-30
 358-19-35
 4-52-27
 15-23-41
 20-12-01
 24-10-28
 29-06-56
 23-21-25
 18-53-22
 11-41-07
 3-14-07
 352-24-00
 17-16-39
 26-39-27
 32-14-42
 34-36-41
 38-54-22
 40-33-32
 33-36-21
 15-43-52
 11-15-05

L/EV	Visi	B.S.
25.33	722.73	1004
25.33	285.70	62
25.33	304.40	7
26.83	325.20	2027
27.83	381.80	2026
27.33	410.40	10
26.83	451.90	2035
26.33	486.00	11
26.83	431.90	2033
27.33	372.40	2032
27.83	304.60	2031
27.83	286.10	2030
26.33	243.60	2029
25.33	194.90	2028
27.33	241.90	2039
27.33	300.90	2038
27.33	356.60	2037
26.83	416.70	2034
26.83	427.90	2036
26.83	379.70	2042
26.83	286.40	2041
26.83	183.90	2040
27.83	81.80	2025

CHECKED ELEV'S OF COBBLES
 LHS USING Rough GAUGE + 1.33

71

Dist Elev B.S.

12-12-11
35-10-30
13-21-21
17-21-09
12-03-01
7-09-12
3-07-36
359-17-17
356-21-21
350-15-29
344-36-07
358-05-21
339-20-11
311-16-09
312-11-31
315-10-26
355-50-32
1-47-10
8-31-07
357-07-16
350-33-33
316-46-28
351-14-50

913.30 25.33 S
285.10 26.33 2014
309.00 25.33 2015
416.00 26.33 17
435.25 26.83 2003
480.77 27.96 2002
527.18 27.33 2001
588.31 26.83 2000
615.27 25.33 9
646.72 24.33 2004
594.69 24.83 2005
579.93 25.33 8
510.95 25.33 2006
432.52 25.58 2007
388.69 25.33 2008
330.73 25.33 2009
355.29 26.83 2010
376.28 27.83 2011
410.29 27.83 2012
4127.38 27.83 2013
403.74 26.83 2014
443.17 26.33 2015
461.63 27.33 2016

Dist	Elev	B.S.
478.23	28.33	2017
483.29	28.83	2018
509.48	28.83	2019
519.71	27.33	2020
521.97	27.33	2021
548.71	26.33	2022
553.43	26.33	2023
580.40	26.33	2024

355-42-54
 359-35-23
 357-46-14
 365-24-13
 345-58-40
 340-53-13
 345-35-31
 391-27-25

☒ A WORK MAY PROCEED SUBJECT TO
INCORPORATION OF COMMENTS

5220

☐ B REVISE AND RESUBMIT
WORK MAY PROCEED SUBJECT TO
INCORPORATION OF CHANGES
INDICATED

☐ C REVISE AND RESUBMIT
WORK MAY NOT PROCEED

☐ D REVIEW NOT REQUIRED
WORK MAY PROCEED

CONTRACT NO 5-7304449.01-146 R.O

BY *Annette Poole*

DATE 9-30-99

PLANTIX T.R.H

CHECK LIFTS ON
CELLS ASZ & 1957
2ND LIFT: (GRAVE)

7-28-99

SUNNY 85°

R. Hudson

A. Delacruz

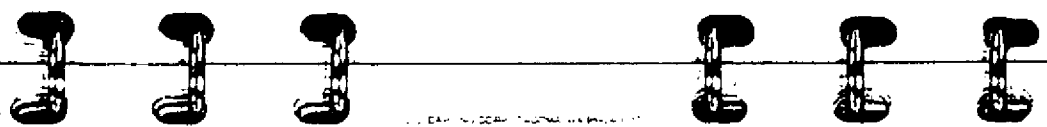
7
15.45.52

1005

20-10-00
344-10-55
346-37-20
358-14-35
4-52-22
14-23-44
20-12-01
24-10-28
29-06-56
52-12-25
18-53-22
10-11-07
3-11-07
352-24-00
17-16-39
26-33-27
52-11-42
14-35-15
28-51-22
40-33-32
33-36-21
15-43-52
11-15-05

DIST Elev B.S.
USGS

1604
285.70 25.83 6
304.40 25.83 7
326.70 27.33 2027
381.80 28.33 2026
410.40 27.83 10
451.90 27.33 2035
486.00 26.83 11
1131.90 27.33 2033
372.40 27.83 2032
304.60 28.33 2031
286.10 28.33 2030
243.60 26.83 2029
194.90 25.83 2028
241.90 27.83 2039
300.90 27.83 2038
356.60 27.83 2037
416.70 28.33 2034
477.90 27.33 2036
379.70 27.33 2042
286.40 27.33 2041
183.90 27.33 2040
381.80 28.33 2025



✓

Checked 2nd list
0.7' GRAVEL Rough GRADE
+ 1.83'

T

DIST Elev B.S.

12-12-17	113.30	25.83	S
35-10-20	205.10	24.83	2044
12-12-17	307.00	25.83	2045
17-12-17	416.00	26.83	17
12-12-17	435.25	27.33	7003
7-07-12	480.77	28.46	2002
3-07-12	527.18	27.83	2001
3-07-17	548.37	27.33	2000
35-12-17	645.27	25.83	9
35-12-17	677.72	24.83	2004
37-12-17	594.61	25.33	2005
38-12-17	579.93	25.83	8
39-12-17	510.95	25.83	2006
31-12-17	432.52	26.08	2007
31-12-17	388.69	25.83	2008
31-12-17	330.73	25.83	2009
35-12-17	355.29	27.33	2010
1-17-10	376.28	28.33	2011
8-1-07	410.29	28.33	2012
35-12-17	477.38	28.33	2013
35-12-17	463.74	27.33	2014
36-12-17	413.17	26.83	2015
39-11-10	461.63	27.83	2016

71

X

353-12-56
359-35-23
359-16-11
355-21-13
315-58-10
340-53-13
315-35-31
351-27-25

Dist Elev B.S.

178.23 28.83 2017
183.24 29.33 2018
207.18 29.33 2019
211.79 27.83 2020
221.97 27.83 2021
218.79 26.83 2022
253.13 26.83 2023
280.10 26.83 2024



PARSONS

SUBMITTAL NO.: S-7304449.01-146
Rev.0

PROJECT NO.: OU 2-13
TRA Remedial Action

SUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA -	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE ASSUMED THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND	THE RESPONSIBLE ENGINEER:
RESPONSIBLE ENGINEER: Craig Reese	AT: MS/3954 TSB BY: SEPT. 30, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER: _____ DATE: _____

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

DISPOSITION: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D	COMMENTS: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ATTACHED <input type="checkbox"/>
RESPONSIBLE ENGINEER: <i>Craig Reese</i>	DATE: <i>9/30/99</i>

**PARSONS****VENDOR DATA REVIEW TRANSMITTAL SHEET**

September 29, 1999

SUBMITTAL NO.: S-7304449.01-146
Rev.0PROJECT NO.: OU 2-13
TRA Remedial ActionSUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" FIELD NOTES 1952 & 1957 CELLS GRAVEL LAYERS AND
COBBLE LAYER
"B"
"C"
"D"
"E"

REVIEW AND COMMENT REQUEST FORM

☒ ES&H -☐ OTHER -☒ CAM - CRAIG REESE☒ CE - JODY LANDIS☐ OTHER -☒ QA -☐ OTHER -☐ OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE
ASSUMED THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE
ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig ReeseAT:
MS/3954 TSB

BY: SEPT. 30, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER:

DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS
AND DISPOSITION PROVIDED.

SITATION: ☐ A ☐ B ☐ C ☐ DCOMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE:

TO: PARSONS ENGINEERING SCIENCE, INC.
Mail Stop: MS 3954
ATTN: Document Control
200 S. WOODRUFF AVE. (P.O. BOX 1625)
Idaho Falls, Idaho 83415-3954

(1) Submittal No. 5-7004449.01-147 (2) Rev. 0
(3) Project TRA REMEDIAL ACTION OU 2-13 (4) No. 7304449.01
(5) Subcontractor PHENIX OF IDAHO, INC.
(6) Subcontractor Code 9902-149
(7) Date of Submittal 9/27/99

(A) Work may proceed subject to incorporation of any comments noted.

ORIGINAL

[illegible]

(19) Remarks:

Contractor Signature _____

Date 4-27-99

(22) Comments:

(21) Date Received	Date Forwarded	Qty Encl	Signature
9-29-99	9-29-99	4	A P
9-29-99	9-30-99	1	A P

Additional Comments Attached

Date _____

_____ to incorporate any comments.
disagree _____

Subcontractor Signature

Date 10/1/99

**PARSONS****VENDOR DATA REVIEW TRANSMITTAL SHEET**

September 29, 1999

SUBMITTAL NO.: S-7304449.01-147
Rev.0PROJECT NO.: OU 2-13
TRA Remedial ActionSUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TOPOGRAPHY PLATS

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

<input checked="" type="checkbox"/> ES&H -	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> CAM - CRAIG REESE	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> CE - JODY LANDIS	<input type="checkbox"/> OTHER -
<input checked="" type="checkbox"/> QA -	<input type="checkbox"/> OTHER -

RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.

IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE ASSUMED THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig ReeseAT:
MS/3954 TSB

BY: SEPT. 30, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A			

REVIEWER:

DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS AND DISPOSITION PROVIDED.

DISPOSITION: ☒ A ☐ B ☐ C ☐ DCOMMENTS: YES ☐ NO ☒ ATTACHED ☐

RESPONSIBLE ENGINEER:

DATE:

9/30/99

ERP-132-92 (8/92)

**PARSONS****VENDOR DATA REVIEW TRANSMITTAL SHEET**

September 29, 1999

SUBMITTAL NO.: S-7304449.01-147
Rev.0PROJECT NO.: OU 2-13
TRA Remedial ActionSUBCONTRACT NO.: S-7304449.01
Phenix of Idaho

SUBMITTAL DESCRIPTION:

LINE ITEM(s): "A" TOPOGRAPHY PLATS

"B"

"C"

"D"

"E"

REVIEW AND COMMENT REQUEST FORM

☒ ES&H -☐ OTHER -☒ CAM - CRAIG REESE☒ CE - JODY LANDIS☐ OTHER -☒ QA -☐ OTHER -☐ OTHER -RECORD COMMENTS ON ATTACHED REVIEW RECORD FORM.
RECORD RECOMMENDED DISPOSITION BELOW.IF COMMENTS ARE NOT RECEIVED OR NO CONTACT MADE WITH THE RESPONSIBLE ENGINEER BY THE REQUIRED RETURN DATE, IT WILL BE
ASSUMED THAT THE REVIEWER CONCURS WITH DOCUMENT IN REVIEW. THE ENTIRE PACKAGE MUST BE RETURNED TO THE RESPONSIBLE
ENGINEER, EVEN IF NO COMMENTS ARE MADE.

RETURN COMMENTS AND SUBMITTAL PACKAGE TO THE RESPONSIBLE ENGINEER.

RESPONSIBLE ENGINEER:
Craig ReeseAT:
MS/3954 TSB

BY: SEPT. 30, 1999

REVIEW COMMENTS AND DISPOSITION

LINE NUMBER	RECOMMENDED DISPOSITION	LINE NUMBER	RECOMMENDED DISPOSITION
A	A		

REVIEWER:

DATE:

APPROVAL AUTHORITY DISPOSITION

SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED, COMMENTS FROM OTHER REVIEWERS INCORPORATED OR RESOLVED, AND FINAL COMMENTS
AND DISPOSITION PROVIDED.DISPOSITION: ☐ A ☐ B ☐ C ☐ DCOMMENTS: YES ☐ NO ☐ ATTACHED: ☐

RESPONSIBLE ENGINEER:

DATE: